

# Victor Jackson

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**LinkedIn:** [linkedin.com/in/victordjackson/](https://www.linkedin.com/in/victordjackson/)

**GitHub:** <https://github.com/VictorAzizJ>

**Portfolio:**  
[victordjackson.netlify.app/](https://victordjackson.netlify.app/)

## >LANGUAGES AND TECHNOLOGIES

- **Proficient:** JavaScript, AngularJS, Jasmine, Protractor, Node.js, Express, SQL, PostgreSQL, SQLite, MongoDB, Git, Typescript, Gulp, Travis CI, jQuery, HTML5, CSS3, Unity, Hive
- **Exposure:** Java, Ruby, Rails, Python, Flask, Scala, Backbone.js, D3.js, RxJS, Objective C, Perforce, Firebase, Heroku, AWS

## >PROFESSIONAL EXPERIENCE

### **Tree House Books | Technology Specialist/Teen Mentor | Philadelphia, PA (Remote)** JUNE 2024 - PRESENT

- Designed and built an in-house universal dashboard application using Node.js, MongoDB, and React, eliminating reliance on third-party services and saving approximately \$5,000 annually in software fees.
- Developed internal tools featuring real-time analytics, data auditing, and volunteer management capabilities, streamlining operations across all staff and volunteer levels.
- Provided direct mentorship in digital literacy, coding, and professional development for over 30 teens, increasing technical skills proficiency and engagement within the organization.

### **Poetry Foundation | Transcriber/Cultural Content Consultant | Chicago, IL (Remote)** JUNE 2022 - PRESENT

- Transcribed and edited 50+ podcast episodes, ensuring cultural accuracy, inclusivity, and accessibility to diverse global audiences.
- Provided strategic cultural consultation, guiding episode content toward equitable representation of marginalized voices in poetry and literary discourse.
- Collaborated closely with podcast hosts and production teams to align content strategy with contemporary social justice themes, increasing listenership engagement.

### **Onja | Frontend Course Developer/Mentor | Tamatave, Madagascar** JANUARY 2024 - MAY 2024

- Designed and implemented a comprehensive frontend development curriculum for 20+ Malagasy students, significantly improving coding proficiency and career readiness.
- Mentored students through intensive workshops, fostering mastery of HTML, CSS, JavaScript, and responsive web design best practices.
- Enhanced curriculum accessibility and effectiveness by integrating culturally relevant content, boosting student engagement by over 40%.

### **University of Pennsylvania Health System | Lead Software Engineer | Philadelphia, PA** MAY 2023 - DECEMBER 2023

- Led a small team of 3 engineers on the technical implementation of University of Penn's ImpactHub platform
- Solved 50+ bugs inside internal Moodle LMS
- Redesigned automated community health workers certification process for account management team by developing internal SQL query generating tool using Python, SQL, Hive, and Scala, thus avoiding false certification competition saving the company ~\$100,000 annually.
- Defined specifications for internal administration dashboard and developed it using PHP and Javascript, resulting in a new tool managing multimedia content for over 10,000 community health workers in the Tri-State.

### **Resilient Coders | Software Engineer/Mentor | Philadelphia, PA** MAY 2022 - MAY 2023

- Worked with/in teams of software engineers and designers to train, peer review and build applications
- Designed proposals and brief for executing projects from concept to implementation securely, making
- Worked with/in teams of 10+ software engineers and designers to train, peer review and build web applications

### **Ourchive | Lead Software Engineer/Co-Founder | Philadelphia, PA**

APRIL 2019 - MAY 2022

- Led a small team of 5 on the technical implementation of Philadelphia's first digital based open archive for art and activism
- Designed cloud based system storage system using AWS/MongoDB for the digitalization of physical works
- Designed translation middleware and algorithm using Node, MongoDB, React, and Python making translation of audio archived available in 200 languages and archive capable of learning non-traditional words (slang).
- Conducted comprehensive quantitative and qualitative data investigations to assess youth involvement and engagement, resulting in valuable insights for program enhancement and digital campaigning.

**Artwell | Program Manager/Digital Outreach | Philadelphia, PA**

APRIL 2017 - MAY 2018

- Led a team to execute four successful campaigns promoting art therapy for disenfranchised youth, reaching 1.3 million digital users in one year.
- Developed engaging and strategic programming to achieve enlistment goals, enhancing program experience and expanding regional reach, resulting in a 40% increase in institutional membership.
- Crafted advocacy plans aligning with organizational mission and ideals, leading to successful policy changes within the Philadelphia School District. These changes established art wellness as an option for addressing institutional harm.

**Urban Affairs Coalition | Campaign Lead and Program Coordinator for the Philly Youth Poetry Movement's Hip Hop and Social Justice Initiative | Philadelphia, PA 2015 - 2018**

- Guided a team in orchestrating a compelling campaign advocating for artist expression as a means of social justice for disenfranchised youth, reaching 700,000 digital users within a year and culminating in 50,000 attendees at the 2013 Brave New Voices Festival.
- Created educational programs and campaigns elucidating the intersections of environmental racism, social injustice, and hip hop, resulting in a 20% increase in parental and youth membership/involvement.
- Formulated a dynamic community outreach campaign and program focused on gathering narratives and testimonies from residents affected by both climate change and hazardous conditions in public buildings resulting from insufficient ventilation or insulation. This initiative successfully amassed over 100 compelling stories from diverse communities spanning every district within the city of Philadelphia..
- Conducted comprehensive quantitative and qualitative data investigations to assess youth involvement and engagement, resulting in valuable insights for program enhancement and digital campaigning.

**Juvenile Law Center | YFC Fellow | Philadelphia, PA 2011 - 2013**

- Led a targeted campaign focused on enhancing the quality of life within foster and group homes.
- Established partnerships with local and state organizations, including the Philadelphia Department of Human Services, Pennsylvania Council for Children, Youth, and Family Services, Support Center for Child Advocates, Achieving Independence Center, and Youth Advisory Board, to garner feedback and endorsement for the Teen Success Agreement.
- Advocated for caregiver support and commitment to help youth achieve their goals, echoing Florida's "Teen Normalcy Plan" framework.
- Conducted comprehensive quantitative and qualitative data investigations to assess youth involvement and engagement, resulting in valuable insights for program enhancement and digital campaigning.

**>EDUCATION**

**Bachelors of Political Science, University of California, Los Angeles**

January 2017

**>PROJECT WORK**

**MedinaCreative - HeartToGrow Site | Data and Web Developer | <https://hearttogrow.org/>**

2024

*Heart to Grow works to promote sexual health, uproot gendered violence, and advance reproductive justice by establishing choice and access for the most impacted Muslims*

- Delivered full stack application with PHP and Javascript
- Architected complex components and design elements under strict responsive design principles .
- Craft engaging content centered around analytics markers I've intricately designed, tailored to respond dynamically to qualitative thresholds.
- Built transferable code into WordPress Engine for clients implementing content management principles.

**Agency M - AgeTech Collaborative Site | Junior Developer | <https://agetechcollaborative.org/>**

2023

*AARP site connecting the leading AgeTech startups, most forward-thinking investors, enlightened enterprises and creative testbeds in a collaborative space.*

- Delivered full stack application with PHP and Javascript
- Architected complex components and design elements under strict responsive design principles .
- Wrote 10+ end-to-end (e2e) and 70+ unit tests for client side components using Protractor, Karma, and Jasmine, resulting in 70% coverage of the codebase.
- Built transferable code into WordPress Engine for clients implementing content management principles.

**“The People’s Archive” | Lead Engineer | <https://github.com/VictorAzizJ/ourchiveDemoDay> 2022**

*A Digital archive to display, download and upload digital content for the activists and artists of Philadelphia.*

- Facilitated scrum agile development methodology by leading standups and managing the Git workflow.
- Designed a cron job to call multiple APIs in order to aggregate the latest social media trend data on MongoDB involving food fridges in the Philadelphia area.

**Level Ground MMA | Software Engineer | <https://www.levelgroundmma.org/> 2022**

*Community Gym specializing in MMA training for marginalized communities.*

- Delivered full stack JavaScript application with self-contained, reusable, and testable components.

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## >LEADERSHIP + AWARDS

**Crescendo Literacy Fellow (Tech x Art x Community Development), Poetry Foundation 2018 - 2019**

**Digital Community Development Award , City of Philadelphia 2020**