

# Victor Kim Jr

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## TECHNICAL SKILLS

**Languages:** JavaScript, Python, TypeScript, SQL, PostgreSQL, HTML, CSS  
**Libraries:** React, React Native, React Testing Library, JQuery  
**Frameworks/Tools:** Node, Express, Jest, Vitest, Flask, SQLAlchemy, Jinja, Bootstrap, SASS, VSCode, Git, Github, Unittest, AWS S3

## SOFTWARE ENGINEER EXPERIENCE

### Software Engineer Intern

February 2024

#### *Rithm School*

- Created mobile application with React Native to explore relationships between React and React-Native and ways to translate an existing app to mobile—challenges included passing complex data between React-Native's screens and utilizing mobile device accelerometers to make a set number of fetch requests
- Evaluated existing Numbers API codebase to make recommendations to refactor and decompose overly complicated functions, routes, and styling—existing codebase did not use a back-end database to organize data, inconsistently used SASS's features, and had piecemeal helper functions
- Employed TDD to maintain 100% test coverage
- Maintained clear documentation for new code to reduce onboarding time for new engineers on the projects through consistent docstrings and comments in complex functions and methods
- Implemented Object-Oriented Programming by creating Flask back-end model methods and classes to maintain codebase's modular structure, promoting reusability and maintainability
- Pattern-matched code to maintain codebase's readability and cohesion
- Collaborated with software engineers in pair programming sessions, coordinated with product owners to validate task accuracy and meet deadlines, and communicated project progress and completion to managing directors through GitHub pull requests

## TECHNICAL PROJECTS

### **Jobly** | *Job search app built with React*

Live Demo | Github

- Designed React components with modularity in mind, enabling reusability across the application's interface
- Utilized local storage to persist user data, ensuring seamless interactions and consistent navigation with protected routes
- Implemented JWTs for users to enhance security and streamline user authentication for protected routes
- Employed React context to provide centralized access to security-insensitive information across components

### **Warbler** | *Social media messaging clone built with Python, Flask, and PostgreSQL*

Live Demo | Github

- Utilized Flask's g object to facilitate accurate data sharing across different parts of the application
- Designed SQLAlchemy models with many-to-many-relationships to enhance data organization and enable efficient handling of complex data associations
- Implemented WTForms to uphold data integrity and security measures, ensuring thorough validation of user-submitted data and protection against malicious inputs

- Employed bcrypt to enhance security measures, safeguard user credentials, and maintain the integrity of user authentication process

## ADDITIONAL WORK EXPERIENCE

### Operations Manager, Pastoral Resident

October 2021 – October 2023

*Liberti Church of the River Wards*

Philadelphia, PA

- Rewrote and organized volunteer documentation to decrease onboarding time and enhance accessibility to volunteering opportunities
- Streamlined communication systems and processes to remove information silos between teams and leaders
- Worked with other leaders to improve their teaching, preaching, and administration

### Director of Communications

April 2019 – October 2021

*Westminster Theological Seminary*

Glenside, PA

- Spearheaded team responsible for launching and maintaining biannual magazine
- Planned and executed main website overhaul to enhance user experience
- Designed magazine and media website to offer digital content to company's financial supporters
- Hired and mentored a team of copywriters, copyeditors, designers, and videographers responsible for creating content to raise company's \$3M annual budget

### Digital Strategy Coordinator

December 2017 – April 2019

*Westminster Theological Seminary*

Glenside, PA

- Transformed social media accounts to boost interaction and enhance brand visibility, increasing Instagram followers from 1K to 4K
- Promoted brand visibility by highlighting faculty articles, lectures, and other publications
- Created and implemented company brand guide to maintain brand consistency throughout departments and teams

## EDUCATION

### Rithm School

2024

*Full Stack Web Development Bootcamp*

### Westminster Theological Seminary

2017

*Master of Divinity*

Glenside, PA

### CUNY City College

New York, NY

*B.A. in Central Asian History*

*summa cum laude*