

Education

Virginia Tech, Blacksburg VA | B.S Computer Science | *Expected graduation May 2026*

- ❖ Relevant Coursework:
 - Cloud Software Development, Mobile Software Development, Data Structures and Algorithms, Computer Organization
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Skills

Programming Languages: Java, Swift, Dart, C#, Python, JavaScript, HTML, CSS

Libraries and Frameworks: React.js, Flutter, Java EE, Material-UI, Firebase, MongoDB, MySQL, Express, Node.js, WildFly

Source Code Management: Git, GitHub, GitLab,

Cloud Services: AWS, Google Cloud

Operating Systems: macOS, Linux

Tools and Platforms: Xcode 16, Figma, Vercel, JIRA

Developer Experience

Web Developer | Club Website | Filipino American Student Association | *(Utilized) Reactjs*

June 2023 - Present

- ❖ Built a dynamic web application using React.js and Material-UI to serve as the central hub for 150-200 members, providing up-to-date information on events, forms, photos, and videos, fostering engagement and a community

Software Developer | Pet Cent | Personal Project | *(Utilized) Flutter, Firebase*

July 2024 - December 2024

- ❖ Architected and implemented real-time data synchronization with Firebase, enhancing user engagement and data consistency.
- ❖ Integrated OpenID Connect using Google and Apple for sign-up and sign-in authentication.

iOS Developer | Businesses | Personal Project | *(Utilized) Xcode, Swift, Yelp Fusion API, MapKit*

November 2024 - November 2024

- ❖ Utilized MapKit to display favorite business locations on an interactive map, providing visual clarity and enabling users to get step-by-step directions to the location.
- ❖ Added functionality for users to initiate phone calls directly to businesses from the app, enhancing usability and convenience.
- ❖ Delivered a seamless and intuitive user experience by combining robust API integration, native iOS features, and a clean, responsive interface.

Cloud Web Developer | Businesses | Personal Project | *(Utilized) Java EE, MySQL, WildFly, Yelp Fusion API*

November 2024 - November 2024

- ❖ Ensured enhanced data protection through two-factor authentication for user account creation and sign-in.
- ❖ Integrated Yelp Fusion API to display public business listings and implemented a feature for users to add businesses of interest to their user account favorites directly from public or API-sourced tables.
- ❖ Incorporated Google Maps API to visually represent business locations, offering an intuitive and interactive mapping experience for users.

Cloud Web Developer | Books | Personal Project | *(Utilized) Java EE, MySQL, WildFly, Google Books API, EC2*

October 2024 - October 2024

- ❖ Designed and developed a Java EE web application hosted on Amazon EC2, leveraging RESTful APIs to integrate with the Google Books API for book searches.
- ❖ Built a robust MySQL database to manage book data, seamlessly interfacing with WildFly for reliable server-side operations.
- ❖ Implemented user-friendly PrimeFaces DataTables to display both local database records and search results from Google Books, parsing JSON responses for real-time updates.

Web Developer | Gobbler Gauntlet | VT Hacks 12 | *(Utilized) Reactjs, MongoDB*

September 2024 - September 2024

- ❖ Utilized industry-standard tools and technologies including the MERN stack and RiotAPI to deliver a robust and scalable solution.
- ❖ Effectively collaborated with 3 team members to achieve project goals, utilizing JIRA for efficient task management and tracking, which fostered strong teamwork and communication skills

Web Developer | Portfolio Website | Personal Project | *(Utilized) Reactjs*

June 2024 - August 2024

- ❖ Configured a CI/CD pipeline using GitHub Actions to automate 100% of the deployment to GitHub Pages, streamlining development workflow.