

Dave Kwiatkowski

davekwiatkowski.com · dave1@vt.edu

Experience

- Redmond, WA* **Microsoft**, Software Engineer Intern
09/18–11/18 Working on PowerApps in the Fall
- Redmond, WA* **Microsoft**, Software Engineer Intern
05/18–08/18 Optimized and organized iOS and Android file logging via buffering
Integrated API for incident creation, mitigation, and analysis
Improved serviceability by catching network activity and telemetry
Accelerated API token authentication process via Gulp tasks
Automated Java and Objective-C feature-gate files via TypeScript
- Durham, NC* **Fidelity Investments**, Software Engineer Intern
05/17–08/17 Developed web app UI with Angular 2 and unified style in Sass
Managed Node.js development of temporary file alteration service
Implemented RESTful web services and SQL database queries
Tested full-stack of web app with unit and integration tests
- Blacksburg, VA* **Virginia Tech**, Computer Science TA
08/16–05/17 Taught Java software design and data structures to students
Improved coding comprehension by refining curriculum
Supported students in the fundamentals of OOP in Java
- Fairfax, VA* **General Dynamics MS**, Software Engineer Intern
05/16–08/16 Awarded as 1 of 1st 3 interns delivering mission critical product
Reduced scenario build time by 5 minutes in Java/Maven app
Achieved real-time data exchanges via DDS and Derby database
Designed responsive GUI for 2D and 3D dashboards via JavaFX
- Charlottesville, VA* **University of Virginia**, Software Engineer Intern
07/14–01/15 Initiated development of a multi-user JavaScript web app
Improved UX by designing multi-platform interface via CSS
Deployed MySQL database integrated with PHP communications

Projects

- Capital One* **What's in Your Wallet**, Personalized Credit Card Analysis
01/17 1st Place in Capital One Software Engineering Summit
Designed responsive Node.js app with organized Sass styling
Energized UX with animated elements and jQuery events
Streamlined development with modular Pug templating
- Capital One* **Web & Happiness**, WebGL Global Data Visualization
10/16 3rd Place in Capital One Global Data Visualization Challenge
Created procedural Gulp tasks for fluid, comprehensive builds
Made user interactive JSON queries with Google Chart API
Modularized styling via cross-platform SCSS components

Education

Virginia Tech

BS, Computer Science
Expected Graduation: 05/19
In-Major GPA: 3.50/4.00
Dean's List 3 Semesters

Involvement

Hackers at Virginia Tech

Designer | 08/18–Present
Head of Advertising | 05/17–08/18
Web Designer | 08/16–05/17

Computer Science Department

Ambassador | 08/16–05/18

Computer Science Mentoring

Mentor | 08/16–12/17

CodePath University

Teaching Assistant | 08/16–12/16

ACM-ICPC Programming Team

Member | 01/16–05/17

Running Club at Virginia Tech

Webmaster | 01/16–05/17

Boy Scouts of America

Eagle Scout | 12/12–Present

Skills

Coding

Proficient with CSS, HTML, Java, JavaScript, jQuery, Node.js, Pug, Sass/SCSS, TypeScript

Familiar with AngularJS, C, Objective-C, React, React Native, Redux

Tools

Git, Gulp, Integration/Unit Testing, LaTeX, Unix CLI, Vim

Other

Advertisement Design, Android Development, Computer Graphics, iOS Development, User Interfaces, Web Design