

# Dave Kwiatkowski

davekwiatkowski.com | dave1@vt.edu

## Experience

Redmond, WA  
09/18–11/18 **Software Engineer Intern, Microsoft**  
Working on PowerApps in the Fall

Redmond, WA  
05/18–08/18 **Software Engineer Intern, Microsoft**  
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  
05/17–08/17 **Software Engineer Intern, Fidelity Investments**  
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  
08/16–05/17 **Computer Science TA, Virginia Tech**  
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  
05/16–08/16 **Software Engineer Intern, General Dynamics MS**  
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  
07/14–01/15 **Software Engineer Intern, University of Virginia**  
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  
01/17 **Personalized Credit Card Analysis, What's in Your Wallet**  
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  
10/16 **WebGL Global Data Visualization, Web & Happiness**  
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, Pug, Sass/SCSS, TypeScript  
Familiar with AngularJS, C, Node.js, 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