

Dave Kwiatkowski

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Experience

Redmond, WA
05/18–08/18 **Software Engineer Intern, Microsoft**
Incoming software engineer intern

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: 3.56/4.00
Dean's List 3 Semesters

Involvement

Hackers at Virginia Tech
Advertising Head | Summer '17–Present
Web Designer | Fall '16–Spring '19

Computer Science Mentoring
Mentor | Fall '16–Fall '17

Computer Science Department
Ambassador | Fall '16–Spring '17

ACM-ICPC Programming Team
Member | Spring '16, Spring '17

CodePath University
Teaching Assistant | Fall '16

Running Club at Virginia Tech
Webmaster | Spring '16–Spring '17

Boy Scouts of America
Eagle Scout | Winter '12–Present

Skills

Coding
Proficient with CSS, D3.js, HTML, Java, JavaScript, jQuery, Pug, Sass/SCSS
Familiar with AngularJS, C, Node.js, SQL, TypeScript

Tools
Chai, Derby Database, Git, Gulp, IBM Jazz, IBM Rational, Jasmine, Karma, LaTeX, Linux, Maven, Mocha, MySQL, Protractor, Sinon, Unix, Vim

Other
Computer Graphics, Advertisement Design, User Interfaces, Web Design