

# Dave Kwiatkowski

davekwiatkowski.com | dave1@vt.edu

## Experience

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

*Durham, NC* **Software Engineer Intern, Fidelity Investments**  
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* **Computer Science TA, Virginia Tech**  
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* **Software Engineer Intern, General Dynamics MS**  
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* **Software Engineer Intern, University of Virginia**  
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

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*Capital One* **Personalized Credit Card Analysis, What's in Your Wallet**  
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* **WebGL Global Data Visualization, Web & Happiness**  
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

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**Virginia Tech**  
BS, Computer Science  
Expected Graduation: 05/19  
In-Major GPA: 3.56/4.00  
Dean's List 3 Semesters

## Involvement

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**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

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**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