

# Dave Kwiatkowski

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## Experience

### Microsoft, Incoming Software Engineer, 11/18 | Redmond, WA

- Starting late Summer 2019

### Microsoft, Software Engineer Intern, 09/18–11/18 | Redmond, WA

- Revamped entire mobile app by introducing cross-product React Native
- Saved service time via incident creation process and intelligent remedies
- Increased accessibility of React Redux products via React Native A11y

### Microsoft, Software Engineer Intern, 05/18–08/18 | Redmond, WA

- Accelerated run-time of React Native app via buffered, organized logging
- Improved serviceability via telemetry and network analysis processes
- Automated feature-gate creation and API authentication via Gulp tasks

### Fidelity Investments, Software Engineer Intern, 05/17–08/17 | Durham, NC

- Led temporary file alteration service development via AngularJS and Sass
- Added features via creating REST services and SQL database queries
- Refined web app quality via frequent unit tests and integration tests

### Virginia Tech, Computer Science TA, 08/16–05/17 | Blacksburg, VA

- Raised software design and data structure knowledge via help sessions
- Improved students' coding comprehension by refining curriculum
- Boosted object oriented programming understanding via 1 on 1 tutoring

### General Dynamics MS, Software Engineer Intern, 05/16–08/16 | Fairfax, VA

- Awarded as one of the 1st interns delivering mission critical product
- Reduced build time by 5 minutes in JavaFX, Maven app via multithreading
- Achieved real-time data communication and storage via Derby database

## Projects

### What's in Your Wallet, Custom Credit Card Analysis, 01/17 | Capital One

- Awarded 1st Place in Capital One Software Engineering Summit
- Energized UX with animated elements and events via jQuery
- Streamlined Node.js app development templating via Pug and Sass

### Web & Happiness, WebGL Global Data Visualization, 10/16 | Capital One

- Awarded 3rd Place in Capital One Global Data Visualization Challenge
- Made user interactive queries via JSON and Google Chart API
- Modularized app styling via cross-platform SCSS components

## Skills

### Coding

- Proficient with CSS, HTML, Java, JavaScript, jQuery, Node.js, Pug, React, React Native, React Redux, Sass/SCSS, TypeScript
- Familiar with C, Objective-C

### Tools

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

### Topics

- Algorithms, Android Development, Computer Graphics, iOS Development, Web Development

## Leadership

### Hackers at Virginia Tech

- Designer, 08/18–05/19
- Head of Advertising, 05/17–08/18
- Web Designer, 08/16–05/17

### Computer Science Dept.

- Ambassador, 08/16–05/18

### Computer Science Mentoring

- Mentor, 08/16–12/17

### CodePath University

- Teaching Assistant, 08/16–12/16

## Education

### Virginia Tech

- BS, Computer Science
- Graduated Cum Laude
- In-Major GPA: 3.56/4.00