

# 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 Dynamics 365 mobile UI by introducing React Native
- Saved time by introducing intelligent incident remedies to PowerApps
- Increased product accessibility by utilizing React Native A11y
- Built incident creation process using React Redux, Objective-C, and Java
- Modularized React Redux entities for cross-product development

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

- Optimized and organized iOS and Android file logging via buffering
- Integrated incident creation, mitigation, and analysis capabilities via API
- Improved serviceability by catching network activity and telemetry
- Accelerated API authentication process by minutes via Gulp tasks
- Automated Java and Objective-C feature-gate creation via TypeScript

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

- Developed web app UI with unified styling via Angular and Sass
- Managed Node.js development of temporary file alteration service
- Added features via creating REST services and SQL database queries
- Improved web app quality via frequent unit tests and integration tests

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

- Taught students Java software design and data structure fundamentals
- Improved students' coding comprehension by refining curriculum
- Supported students in the fundamentals of object oriented programming

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

- 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 communication via DDS and Derby database
- Designed responsive GUI for 2D and 3D UI dashboards via JavaFX

### University of Virginia, Software Engineer Intern, 07/14–01/15 | Charlottesville, VA

- Initiated development of a multi-user web app via JavaScript
- Improved UX by designing multi-platform interface via CSS
- Deployed MySQL database integrated with PHP communications

## Projects

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

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

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

- Awarded 3rd Place in Capital One Global Data Visualization Challenge
- Created procedural tasks for fluid, comprehensive builds via Gulp
- Made user interactive queries via JSON and Google Chart API
- Modularized app 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

## 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

### Other

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

## 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

### Boy Scouts of America

- Eagle Scout, 12/12–Present