Dave Kwiatkowski davekwiatkowski.com . dave1@vt.edu

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

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 via DDS and Derby database

University of Virginia, Software Engineer Intern, *07/14–01/15 | Charlottesville, VA*
- Initiated development of multi-user web app via JavaScript
- Raised user experience 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
- 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

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*
- Teaching Assistant, *08/16–05/17*

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*