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 Dynamics 365 mobile UI by introducing React Native
· Saved time by introducing intelligent incident remedies to PowerApps
· Built incident creation process using React Redux, Objective-C, and Java
· Increased product accessibility by utilizing React Native A11y
· 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 API for incident creation, mitigation, and analysis
· Improved serviceability by catching network activity and telemetry
· Accelerated API token authentication process via Gulp tasks
· Automated Java and Objective-C feature-gate files via TypeScript

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

Virginia Tech, Computer Science TA, *08/16–05/17 | Blacksburg, VA*
· Taught Java software design and data structures to students
· Improved coding comprehension by refining curriculum
· Supported students in the fundamentals of OOP in Java

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 exchanges via DDS and Derby database
· Designed responsive GUI for 2D and 3D dashboards via JavaFX

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

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

Web & Happiness, WebGL Global Data Visualization, *10/16 | Capital One*
· 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: 3.50/4.00
· Dean's List 3 Semesters

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*

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, Python

Tools
· Git, Gulp, Integration/Unit Testing, LaTeX, Unix CLI, Vim

Other
· Android Development, Computer Graphics, iOS Development, Web Design