Dave Kwiatkowski davekwiatkowski.com | d@davekwiatkowski.com

Experience

Microsoft, Software Engineer, 08/19-Present | Bellevue, WA

- Expedited resource load time by up to 3 minutes via service workers
- Decreased time to switch between iframes by 2 seconds via caching
- Eliminated 400 ms from server response time via response streaming
- Accelerated server by reducing HTML size by 21% via Brotli compression

Microsoft, Software Engineer Intern, 09/18-11/18 | Bellevue, 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 | Bellevue, WA

- Boosted 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
- Escalated students' coding comprehension by refining curriculum
- · Advanced 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

Xcvrsion, Virtual Reality Tour App, 05/19-09/19 | Xcvrsion

- · Created a VR app for iOS and Android via React Native and React Redux
- Accelerated development lifecycle via customer and user demos
- Increased user experience via modern UI principles and standards

Skills

Coding

- Proficient with ASP.NET Core, C Sharp, CSS, HTML, Java, JavaScript, jQuery, Node.js, Pug, React, React Native, React Redux, React Saga, Sass/SCSS, TypeScript
- Familiar with C,
 Objective-C, WebGL

Topics

 Algorithms, Android development, Computer graphics, iOS development, Web development, Web performance

Tools

 Git, Gulp, Integration/Unit testing, LaTeX, Unix CLI, Web performance tools, Vim

Leadership

Xcvrsion LLC

 Chief Technology Officer, 05/19-09/19

Education

Virginia Tech

- · BS, Computer Science
- · Graduated Cum Laude