Dave Kwiatkowski
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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