

Ken Hoff

Full-stack Product Engineer

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Work Experience

Software Developer / Developer Advocate at Stream

October 2017 to present - getstream.io

- Built Winds 2.0, and open source RSS reader and podcast listening app, built with React, Redux, and Node.js - 5,000 stars on GitHub, #1 on Hacker News - getstream.io/winds
- Developed showcase applications, technical content marketing, and conference / meetup talks
- Wore all the hats that startups usually need - writing documentation, technical sales, plunging toilets, process definition, etc

Hofftech Design + Development

Spring 2016 to present - <https://hoff.tech/>

RunLife Analytics

Longmont, CO - <http://runlife.run>

- Built a personalized, downloadable 5K training plan generator with React, Node.js, and one *very* complex Pug template
- Implemented multivariate linear regression machine learning algorithm to predict runner 5k time based on age, weekly mileage, whether they had a dog, and other variables
- Interactive visualization tool to help discover new insights about dataset of runners - e.g., that a runner's 5k time is strongly correlated with their BMI

Vermilion Design + Digital

Boulder, CO - <https://www.vermilion.com/>

- Served as the primary frontend developer for an existing client, onboarding with very short notice
- Implemented extremely complex, detailed, and responsive frontend designs with designer and client feedback
- Solved unusual web-related problems with integral frontend web dev knowledge, such as responsive tables, carousels from scratch, and mobile navs

Harbour Funerals

London, UK - <https://harbourfunerals.com/>

- Implemented responsive designs across the entire site, including HTML emails that render the same in Gmail, Outlook, and other email clients
- Ensured **IE9** compatibility on every page - including flexbox, input placeholder, and Google Analytics event tracking support
- Re-architected HTML templates and deduplicated thousands of lines of redundant frontend code

Frontend Web Development Instructor at Spark Boulder

Spring 2016 to Summer 2017 - <https://classbot.hoff.tech/>

- Developed and taught a 30-hour introductory frontend web development curriculum from scratch
- Built `@classbot`, a Node.js Slack bot designed to accept assignment submissions, grade the assignments, and give immediate feedback the students
- Built the **Spark Frontend Web Development Social Network**, a Node.js backend + REST API that the students were required to build a frontend to <https://spark-class-social-network-api.hoff.tech/>

Microsoft

Summer 2015 to Winter 2016 - <https://azure.microsoft.com/en-us/services/active-directory/>

- Program Manager on the Azure Active Directory: Identity and Access Management team
- Served as product lead for the Unified Audit Log Reporting API, where it had 50% week-over-week growth rate in enterprise production environments
- Oversaw and served as SME on a vendor-built enterprise demo generation platform, saving enterprise sales reps countless hours setting up and managing their demo environments
- Organized the AAD Intern team for the 2016 Microsoft Hackathon, and served as product manager, project manager, and dev lead for the interns during the event

Technical Skills

Strong

React, Redux, Node.js, ES6/ES7, API route design, frontend architecture design, web scraping

Knowledgable

Postgres, Vue, websockets, webpack, frontend unit, functional, and integration testing

Education

2013 B.S. in Computer Science, University of Colorado at Boulder