

Stephen Grinich

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Education

Carleton College – Northfield, MN

Jun. 2016

- Bachelors of Arts, Computer Science

Work Experience

Full Stack Software Engineer, Carena, Inc. – Seattle, WA

Aug. 2016 – Oct. 2017

- Made large contributions to the development and visual redesign of *CareTeam*, a web-application used to facilitate the delivery and coordination of virtual care for all of Carena's virtual clinic users within a single application.
- Built portions of Carena's patient facing production web portals accessible to over 10 million patients across the country.
- Contributed to the framework powering Carena's modern telemedicine applications using AngularJS. Added modular interface components, unit testing standardization, data services within a service-oriented architecture, WebSocket layer, REST queries, MongoDB queries and other features.
- Coordinated weekly meeting to brainstorm and review software design decisions.
- Provided routine code reviews to other members of the development team.

Internships & Projects

Mobile Application Developer - Carleton College – Northfield, MN

Jun. 2014 – Dec. 2016

- Built, designed and shipped native iOS and Android applications used as a school guide by thousands of students, faculty, and parents during Carleton College's orientation week and throughout academic year. Worked closely with college deans, faculty & staff to create use cases and generate content. Wire-framed using Adobe Photoshop.
- Created heart rate monitoring iPad application used in Carleton College Psychology Department research conducted by faculty and students studying panic attacks. Collaborated closely with faculty to fulfill specific study needs, overcome limitations of existing software and design interface specifically for research study.

Product Designer, Product Manager & iOS Developer, Carleton College – Northfield, MN

Sep. 2015 – Mar. 2016

- Led team to build an iOS application that provides users with a centralized platform to communicate with a team of caregivers and find relevant caregiving resources.
- Development included prototype iteration, wire-framing, use-case generation, and usability testing.

Full Stack Software Engineering Intern, Stroll Health – San Francisco, CA

Summer 2015

- Developed a web application that encourages patients to follow through with appointments scheduled through Stroll's web platform. Built using AngularJS incorporating email automation and automatic deployment.

Software Engineering Intern, AuSIM, Inc. – Mountain View, CA

Summer 2013

- Developed an Android application to control AuSIM's existing 3D audio simulation technology from a mobile platform.
- Constructed a loud-speaker array at NASA's Ames Research Center to measure subjects' head characteristics.

Scheme Interpreter, Class Project . – Northfield, MN

Fall 2015

- Implemented a Scheme interpreter in C that supports most reserved functionality and primitives.

Technical Skills

- Strong computer science and mathematics fundamentals.
- Experience building native mobile applications and shipping on Google Play & Apple App stores.
- Proficient in Python, Typescript, Javascript, Swift and Java.
- Understanding of various machine learning techniques.
- Experience creating data visualizations using Javascript frameworks.

Other Experiences

Carleton College Varsity Men's Swimming & Diving Team – Northfield, MN

Sep. 2012 – Feb. 2016

- Team Captain

Director of Outreach, Carleton Developers Exchange – Northfield, MN

Apr. 2015 – Apr. 2016

- Organized event to share student summer experiences in the tech industry to an all campus audience