Benjamin Weis

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EDUCATION

Purdue University   West Lafayette, IN
Bachelor of Science in Computer Science   *Aug 2014 – May 2018*

EXPERIENCE

Cisco Meraki   San Francisco, CA
Full Stack Software Engineer   *Summer 2018 - present*

- Built and owned multiple full-stack features for Meraki's Dashboard, collaborated with designers, project managers, and firmware engineers to deliver functionality across the UI and API. Features included the addition of 6 GHz support to all network configurations as well a firmware upgrade management system rework to optimize for resilience and fault tolerance.
- Worked with a team of engineers to standardize and create a self documenting frontend design system used across the organization.
- Solved production issues and debugged critical errors across a Ruby on Rails, React, and PostgreSQL stack.
- Mentored new hires and interns, wrote documentation for onboarding engineers and informing them of the 'whys' and 'hows' of internal workflows.

Salesforce   San Francisco, CA
Software Engineering Intern   *Summer 2016 & 2017*

- Built horizontally scalable distributed system to dynamically generate traffic for testing, monitoring and providing customer demonstrations of the IoT Cloud product functionality. Controller manages scheduling by dynamically spinning up Heroku instances. Scalable tested up to 20,000 rps.
- Developed scheduling application utilizing Django and interfacing with internal applications, Google hangouts, and gotomeeting. Implemented QR-code attendance system into scheduling application. Integrated company wide for tracking employee attendance at "all-hands" and retrieving feedback from employees.
- Integrated Cucumber testing framework with Marketing Cloud application to enable non-technical staff to significantly increase test coverage. Proceeded to implement tests to double test coverage of new and legacy Marketing Cloud application.

TMC Bonds   New York, NY
Application Developer Intern   *Summer 2015*

- Implemented multi-project and legacy build script migration from ANT to Gradle.
- Extended Sencha5 to support SASS css compilation to facilitate internal application migration.

Net@Work   New York, NY
Web Development Intern   *Summer 2014*

- Developed Magento eCommerce sites to client specifications and implemented automated testing using Selenium.

Purdue University   West Lafayette, IN
Head Teaching Assistant - CS10100/18000/19000   *Jan 2015 - May 2018*

- Wrote materials under Professor Douglas Comer for newly recognized course teaching an introductory view of computing to new students. Created and graded all teaching aids and assignments for lectures and exams. Organized and taught bi-weekly sessions to 400 newly admitted computer science students on the basics of git, vim, bash, and other critical software tools.

PROJECTS

OrgCMS: Built own CMS for managing membership and dues for various collegiate organizations.

SnapLensNinja: Implemented iOS and android app for sharing Snapchat lenses and gained 2,000 daily active users.

TurnipTrader: Riding the popularity of Nintendo's Animal Crossing game, built an app that matched users together to trade turnips. Over 100,000 unique users within 3 weeks of launch.

Prompt: Created iOS social application in Swift at 2015 Boilermake Hackathon. Awarded 6th place.

BusDue: Built iOS application for Purdue's bus system. Utilized DoubleMap API, Google Maps API, and PurdueIO.

PROGRAMMING SKILLS

Languages: JS/TS, Ruby, Python, Java, SQL   **Tech**: React, Redux, Node.js, Rails, Unix, git, jQuery, Django