SEAN GREF

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WORK EXPERIENCE

MEIJUN - San Diego
Software Engineer *8/2015 - Present*

- Architected, implemented, and released applications, websites, and mobile apps in a fast-paced environment with high standards of quality.

- Produced software on time and below budget with very little supervision by independently defining tasks and creating timelines.

- Interfaced directly with technical and non-technical clients to effectively communicate project updates and product support.

- Experience working in a team and alone to produce responsive UIs, robust APIs, and scalable services for a diverse set of clients.

EDUCATION

UNIVERSITY OF CALIFORNIA, SAN DIEGO *8/2013 - 9/2017*
B.S. Computer Science and Engineering

- Courses include: Software Engineering *(CSE 110)*, Computer Security *(CSE 127)*, Compilers *(CSE 135)*, Graphics Programming *(CSE 167)*

- Maintained cumulative GPA of 3.127, even while working between 20-40 hours per quarter while employed at Meijun.

NOTABLE PROJECTS

FITNESS TRACKING APP: *12/2015 - 6/2017* (iOS, Android, with webapp admin portal)
Architected and implemented a fitness based app and admin portal. App interfaces with multiple third-party Bluetooth LE fitness wearables. Occasionally had to reverse engineer low-level SDKs. Reliably backup/restore data to/from the server, successfully taking variable timezones and potentially overlapping data into account.

BROWSER TRACKING RESEARCH PROJECT *4/2017 - Present*
Independent research project under supervision of grad-student. Investigate potential browser tracking methods to determine if specific JavaScript functions are being used maliciously. Profile functions in Chrome using an extension and overloading of low-level APIs. Currently working to create automated execution of tests on large numbers of websites to collect data for analysis.

SKILLS

LANGUAGES: [fluent] Java, C++ (6 years), PHP (3 years), HTML5, CSS3, JavaScript, Objective-C (2 years), [familiar] Swift, Python

TECHNOLOGIES/FRAMEWORKS: jQuery, iOS, Android, Node.js/Sails.js, Bluetooth LE, Postgres, MySQL, Linux, AWS (primarily EC2 and S3), Wordpress (custom themes and plugins)

MISCELLANEOUS: Cyber Security, Networking, Agile, Team Leadership, Effective Time Management