Sean Gref

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Summary: Passionate developer ready to create world-class products. Eager to integrate with the team and begin writing code.

Work Experience

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

- Architect and implement applications, websites, and mobile apps in a fast-paced environment with high standards of quality.

- Be active in all stages of development from conception to release.

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

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

- Exceeds expectations to personally ensure the client is impressed with the end product.

Education

UNIVERSITY OF CALIFORNIA, SAN DIEGO *8/2013 - Present*

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

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

- Assist with security research project *(3/2017 - Present)* investigating malicious tracking scripts using low-level browser APIs.

Notable Projects

FITNESS TRACKING APP: (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.

FRONT-END MVC FRAMEWORK:
Developed a state-based, lightweight framework for a client's single-page web application. Created a custom solution due to client requirements. Applied Object Oriented Design principles to improve development time of the end product. Designed with reusability and security in mind.

Skills

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