

# SCOTT GRANT

FULL-STACK SOFTWARE DEVELOPER

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## Profile

I'm a software developer, a life-long learner, and a proud parent. I've built video games, spent time in academia, and built open-source software. Remote work makes me happy and productive. Please feel free to look at samples of my work at <https://github.com/scotchfield>. I look forward to speaking with you!

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## Experience

### Khan Academy

Software Engineer

2017-present

Full-stack software development with React and Redux on a large Python-based Google App Engine system.

### Six to Start

Senior Full-Stack Web Developer

2016-2017

Supported and extended a suite of JavaScript/Python services, while assisting with the development of a new platform and building front-end stores. Implemented a shipping platform and methodology for worldwide customers. Built an analytics suite to track usage.

### Scent Trunk

Chief Technical Officer

2015-2016

Overhauled a legacy WordPress install to support a 10x growth in customers. Built a shipping methodology and a recommendation engine to largely automate customer deliveries. Established a remote-friendly culture, and onboarded the initial software team.

### Queen's University

Post-Doctoral Fellow

2012-2015

Graduate supervision and mentoring, paired with independent research and software development around data mining and machine learning.

### Google

Web Applications Engineer

2006-2007

Developed internal tools to improve efficiency and aid development on products including Google Checkout and Web Search Removals. Heavy development in C++, Java, and Python.

### Electronic Arts

Software Engineer

2004-2006

Served as the lead online engineer, and handled aspects of video and sound playback, user interface development, and rendering pipeline management. Received the Rookie of the Year award in 2005, awarded to recognize fast starting new talent.

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## Education

### Queen's University

Doctor of Philosophy

2007-2012

Thesis: Using Topic Models to Support Software Maintenance. Applied machine learning methods to common metrics for software development and maintenance.

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