DOUGLAS SHERK

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HIGHLIGHTS

- Designed and developed Apollo RP, a program and API with over 35,000 LoC, with a community of 500 members and 12 plugin developers.
- Founded SciGit collaboration software business, raised $25,000 in venture funding.
- Wrote operating system and kernel in C as school project.
- Highly experienced writing scalable and performant code which has shipped to millions of users.

EXPERIENCE

Mozilla Corporation   May 2012 - Present
Firefox OS Developer Intern   *Mountain View, CA*

- Wrote entire Firefox OS panning and zooming implementation.
- Developed intricate IPC and threading model for compositing, UI, and web content.
- Attended meetings around the world with telecom and hardware partners.
- Received "Outstanding" evaluation, the highest possible for an internship.

Mozilla Corporation   September 2011 - December 2011
Platform Developer Intern, Graphics   *Mountain View, CA*

- Implemented WebGL on Firefox, writing new features and implementing specs.
- Wrote Firefox's entire WebGL DoS protection mechanism, overhauled support for blocking buggy drivers and extended this functionality to Android.
- Represented Mozilla at Khronos consortium meetings, gave the opening talk at WebGL camp.
- Received "Outstanding" evaluation, the highest possible for an internship.

Zynga Inc.   January 2011 - April 2011
FarmVille Developer Intern   *San Francisco, CA*

- Developed front-end and back-end code for FarmVille that shipped to millions of users.
- Responsible for seeing features all the way from architecture review to shipping.
- Extremely fast-paced work environment, requiring experience and quick decision-making.

TECHNICAL STRENGTHS

Computer Languages	C, C++, Java, PHP, HTML5, CSS, JavaScript, C#, Bash
APIs	OpenGL, WebGL, Canvas, Mono
Databases	MySQL, SQLite, MongoDB
Tools	Git, Mercurial, Vim, GDB, Valgrind

EDUCATION

University of Waterloo   *April 2013*
Candidate for B.A.Sc. in Honours Mechatronics Engineering, co-op
Class representative and webmaster