

## Seunghun Thomas Lee

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### Work

May 2016 - Jun 2018

**Berkeley Food & Housing Project** as Assistant Cook (w/ California Food Handler license)

Directed volunteers in cooking and serving food for needy at Community Meal, 4 days a week

Jan 2011 - Apr 2012

**Tagged Inc.**

Software Engineer in Spam Security Team

Monitored site activity for spam

Real-time scanner for frequent substring in message using LZW and sqlite3

Maintenance and development of security team's services

Naïve bayes classifier, content filter, logging infrastructure

Jun 2008 - Oct 2010

**Microsoft Corporation**

Software Development Engineer in Test in Visual C++ Compiler Backend Team

Debugged compiler optimization bugs. Got to fix the easy ones.

Rolled out Delta ([delta.tigris.org](http://delta.tigris.org)) to automatically reduce the size of test cases

Reduced noise and increased throughput of daily SPEC CPU2006 benchmark runs (dedup)

Wrote runtime correctness test cases for auto-vectorizer

Test infrastructure maintenance in Perl and C++

Peer mentor to new hire

Summer 2007

**FactSet Research System Inc.**

Intern

Python bindings (Boost) for C++ server application, wxPython

Summer 2006

**The Dini Group**

Intern

Windows WDM driver development (see basic Linux driver work below)

Deployed ticket system for customer support (RT)

Schematic grunt work (Orcad) on a revision of multi-FPGA ASIC emulation board

Summer 2005

**The Dini Group**

Intern

In-house console programming (C++, DOS, Windows, Linux, Solaris)

Basic Linux PCI driver work (supported DMA, ioctl, mmap)

Verilog DDR controller design tweaks (for Xilinx Virtex-II Pro series FPGA)

Listmaster for PCI-SIG mailing list (mailman)

Oct 2003 - Aug 2004

**The Dini Group**

Intern

Linux system administration

Sendmail, Apache, Bind, Samba, intranet and desktop PCs (~20 persons)

Used Perl and Verilog in product testing

Wrote online backup scheduler with samba, rsync, dump, perl, PHP, smarty, cron

Technical writing (in manual for DN6000k series multi-FPGA ASIC emulation board)

### Education

Summer 2010

University of Washington

CSE444 Database

2004-2008

University of California, Berkeley

B.A. in Computer Science from College of Letters and Science