**Edison Park**

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EDUCATION

University of California, Berkeley

BS, Electrical Engineering and Computer Science (Spring 2013)

Relevant Division Courses:

* Signals and Systems
* Security
* Artificial Intelligence
* Computer Security
* Efficient Algorithms
* Data/Machine Structures
* Databases
* OS/System

Programming

SKILLS

Computer Languages:

* C/C++/C#
* IA32 & MIPS Assembler
* Java
* Python
* Scheme (Lisp)
* HTML

Tools:

* Cygwin
* Eclipse
* MSW/MSPP
* Emacs
* SSH
* TortoiseSVN, Perforce
* Putty
* WinSCP

Operating Systems:

* Unix/Linux
* Windows

ACADEMIC PROJECTS

Pacman AI, Python:

* Implemented depth-first, breadth-first, uniform cost, and A\* path-finding algorithms
* Coded minimax, alpha-beta pruning, and expectimax ghost avoidance algorithms for 3+ agents

‘Sharks and Fish’ Ocean Simulator, Java:

* Built from scratch a simulation of a rectangular ocean containing sharks and fish
* Designed efficient data structures and wrote code to convert the ocean into a run-length encoding

RELEVANT WORK EXPERIENCE

Solution Software Intern, **Provide-commerce**

Summer 2012

* Developed and optimally tweaked company’s internal website, working with legacy code in C#
* Main project included coding AutoComplete functionality option when searching for inventory
* Involved learning javascript/CSS, invoking an asynchronous AJAX call via SQL queries to database and developing efficient algorithms with which to search for matching entries

Software Development Co-op, **Intuit**

2011 – Early 2012

* Worked in an industry SW development agile-team setting on Intuit’s TurboTax product
* Learned to perform in a goal/deadline driven environment with real-world expectations
* Worked mostly in Java on compiler development for a Turbo-Tax specific DSL written in Xtext

Technical Director, **CourseBuzz** Inc

2010 - 2011

* Filled role as CTO for privately funded web based start up
* Managed operations, website development, and recruitment

Database Engineering Intern, **Facebook**

Summer 2009

* Hardware Intern QA position at the Facebook Santa Clara datacenter
* Maintained and performance tested server loads, throughput; minor scripting

ACOMPLISHMENTS

Founder of the Advanced Rubik’s Cube Decal, UC Berkeley

70+ Hours of Community Serve every year via Cal Rotaract, local mentorship, and community outreach programs

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High School Diploma, Valedictorian