Kevin Yeap GC023

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Education

University of California Santa Cruz *September 2011 – June 2015*

Bachelor of Science (B.S.) Computer Science, June 2015

Related Courses: Introduction to Computer Graphics, Software Design Project II, Fundamentals of Compiler Design I, Analysis of Algorithms, Intro to Software Engineering, Computation Models, Intro to Operating Systems, Comparative programming, Abstract Data Types, Computer Architecture, Advanced Programming, Data Structures, Computer Systems and Assembly Language

Job Experience

Software Engineer, Dell EMC DSSD, Menlo Park, CA *June 2015 – May 2017*

-Demonstrated Golang's effectiveness in the current admin stack
-Wrote template Makefiles for easy Golang development for standard file structure
-Wrote a startup service to populate Redis database with missing customer-facing data
-Refactored firmware controller for a significantly more responsive command line interface
-Increased stats processing speed by 10x by prototyping high-performance stats pipeline

Lab Tutor, University of California (UCSC), Santa Cruz, CA *Oct. 2014 – June 2015*

-Tutored students in basic logic design, assembly and C programming
-Graded completed labs and lab reports

Robotics Teacher, Celsius and Beyond, Learning Bee, San Francisco, CA *June 2012 – Aug. 2012*

-Taught basic physics and robot building concepts from a self-developed curriculum
-Coached teams of students competing in FIRST Lego League (FLL)

Robotics Instructor, Learning Bee Learning Center, Fremont, CA *June 2010 – Aug 2011*

-Instructed young students to build and program robots using Mindstorms
-Designed the robotics curriculum for future teacher use

Team Projects

HP Storage: OpenStack Software Development *Jan. 2015 – June 2015*

Software development on OpenStack Swift. Project was managed by HP using the scrum process and techniques of agile development. The goal of the project is to implement metadata search capabilities by setting up a metadata server that accepts commands using RESTful API. High level goals included improving the Metadata server's scalability and performance.

FIRST (For Inspiration and Recognition of Science and Technology) competitions *Sept. 2003 – June 2011*

Competed in FIRST Lego League, and FIRST Tech Challenge. Building and programming robots using Lego Mindstorm robotics set, Lego NXT, metal robotics kit, and C++ programming.

Skills/Info

Technical Tools: (Proficient)Go, Golang; (Familiar) Python, C, C++, JavaScript, GNU Make, Redis, Git, Reviewboard, Bugzilla, JSON, BSON, Flatbuffers, Linux

Linkedin: https://www.linkedin.com/in/kyeap/
Github: https://github.com/paeynivek
Personal Blog: https://paeynivek.github.io