Hantao (Will) Wang

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OBJECTIVE

I am a second-year undergraduate at UC Berkeley looking for a backend internship position during Summer 2018. My interests include artificial intelligence and distributed network systems. Please visit my website at www.hantaowang.github.io.

EDUCATION

University of California, Berkeley   Class of 2020

B.S. Electrical Engineering and Computer Science   Overall: 3.72   Major GPA: 3.93
Relevant Courses:
Linear Algebra and Differential Equations   Multivariable Calculus
Data Structures   Web Design
The Structure and Interpretation of Computer Programs

CSU Dominguez Hills

High School Concurrent Enrollment   Overall GPA: 3.93
Relevant Courses:
Intro to Computer Hardware & Tools   Business Finance

EXPERIENCE

NetSys Laboratory, Berkeley   Research Assistant, April 2017 – Present

Working on software to identify application performance bottlenecks by throttling container resource utilization in a distributed, containerized service such as Docker, Spark, and Nginx. Supervised by Dr. Scott Shenker.

Gulfstream Aerospace   High School Apprentice, Aug 2015 – June 2016

Worked with the mechanical engineering teams on interior design drawings of G550 and G650 class twin engine business jet airplane. Responsibilities included intensive use of AutoCAD, CATIA, and Excel.

Honors: Mach 3 Excellence Award

SKILLS

Languages

Python, Java, HTML, CSS, JavaScript, Scheme, MySQL, Ruby

Programs, Frameworks, Environments

Node.JS, UNIX, Quilt, Docker, AWS, Bootstrap, AutoCAD, SolidWorks, Inventor, Final Cut Pro

PROJECTS

BearMaps

A data structures and algorithms focused Google Maps esque web app that allows users to interact with a map of Berkeley. Includes features such as zooming, routing, autocomplete, location searching, and map rastering.

Database

Built a SQL-like relational database management system (RDBMS) and corresponding Domain Specific Language (DSL) in Java with commands such as load, store, select, with, as, from, etc. Able to perform Cartesian joins of two or more tables in accordance to filter specifications defined by user input.

Scheme Interpreter

Interactive interpreter that reads and executes user input in Scheme, a dialect of Lisp. Project is written in Python and focuses on Object Orientated Programming and environments.

hantaowang.me

Personal website written in HTML, CSS, and JavaScript.