Christian Cheng

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Education

Jacobs Scholar and Regents Scholar
University of California, San Diego
Computer Science, B.S. |Expected Graduation: 2019

Honors

Jacobs Scholarship | UC San Diego
- Awarded to the top 0.3% of incoming freshmen to the Jacobs School of Engineering (12 students/year)
- Merit-based 4-year full-ride scholarship to UC San Diego: covers tuition, housing, books, and all miscellaneous expenses

Regents Scholarship | UC San Diego
- Merit scholarship awarded to top incoming freshmen at UC San Diego, covering $2,000/academic year for four years.

National Merit Finalist
- Awarded to the top 0.01% (nationwide) of high school juniors taking the PSAT.

Qualifications

Languages: Java, C, Python, HTML5, jQuery
Frameworks and Styles: CSS, Flask

Relevant Coursework

CSE 11: Object-Oriented Programming in Java (A)
CSE 12: Data Structures & Object-Oriented Design (IP)
CSE 15L: Software Tools & Techniques (IP)
CSE 20: Discrete Mathematics (IP)
CSE 21: Mathematics for Algorithms & Systems*
CSE 30:
Computer Organization and Systems Programming*
CSE 140:
Components and Design Techniques for Digital Systems*

(IP) In Progress
* Spring Quarter

Projects

Kenbot   *September 2015*
- Online "20 Questions"-style web game
- Web game written in Python and hosted on Heroku using Flask
- Designed the frontend with HTML5 and CSS
- Website effects accomplished using jQuery

Personal Website   *January 2016*
- Designed the frontend with HTML5, CSS, and jQuery
- Constantly updated to showcase portfolio and experience

Where To Eat?   *In Progress*
- Web app that allows different users to input their preferences, and displays the Yelp results of the aggregated search
- In progress; constructed using self-taught Javascript, Node.js, and MongoDB

Experience

UCSD CSE SPIS   *August – September 2015*
Summer Program for Incoming Students | UC San Diego
- Learned Python, algorithmic problem solving, and UNIX OS
- Completed a final project (Kenbot) with self-taught frontend design

WIC Beginner's Programming Competition *November 2015*
Women In Computing at UCSD
- Participated in a programming competition in my first quarter learning CS at UCSD
- Placed 20th out of 100 teams

ASB President   *June 2014 – June 2015*
Associated Student Body | Acaciawood Preparatory Academy
- Led student body and oversaw council meetings, bridging faculty with students
- Introduced major events and festivals and led and organized spirit rallies
- Represented students as the student face of the school.

President and Editor-in-Chief   *June 2013 – June 2015*
Eagle Flyer School Newsletter | Acaciawood Preparatory Academy
- Created and edited layout for school newsletter
- Managed team of authors to organize programming and due dates for articles
- Led students in meetings and acted as liaison between office, staff, and students.