

John Wonjin Choi

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EDUCATION

University of California, Irvine – B.S. Computer Science (Intelligent Systems)

Courses: Intro to AI (on-going), Algorithms (on-going), Technical Writing,
Data Strcts, System Design, Linear Alg.

Expected Graduation: March 2020

Major GPA: 3.587 UCI GPA: 3.563

SKILLS

Computer Languages	<i>Proficient:</i> Scala, Terraform, Python, C++	<i>Experience in:</i> C, Assembly, Java
Web	<i>Proficient:</i> HTML, CSS	
Misc. Software	<i>Proficient:</i> Windows, MacOS, iOS, Android, Git, Jenkins, AWS ELB, AWS EC2, AWS S3, AWS DynamoDB, AWS API Gateway	<i>Experience in:</i> AWS CloudWatch, AWS Route53

PROFESSIONAL

Kelley Blue Book Intern (40 hours/week)

June 2018 – Sep. 2018

- Cox Automotive team developing API's for Kelley Blue Book, Autotrader, and Dealer.com
- Specializing in Scala, Terraform, Python, and AWS to pipeline and deploy products through Jenkins
- Software products generally are in relation to vehicle recommendation engines and shopper profile personalization engines

IT Student Technician (20 hours/week)

Apr. 2017 – Present

- UC Irvine School of Social Sciences Computing Services department
- Providing technical support for UCI Social Science school faculty, staff, and graduate students
- Imaging computers using GhostCast and resolving any number of technical issues (hardware and software) through the helpdesk

ApplJam+ Program Mentor (4 hours/week)

Sep. 2017 – June 2018

- Under the oversight of Dreams for Schools, mentors educate youth in programs and initiatives that contribute to Science, Technology, Engineering & Math (STEM) fields
- Mentoring 20 at-risk high school students in Silverado High School twice a week for ten weeks; Winter 2018
- Mentored 25 total middle school students in Yorba Linda Middle School twice a week for ten weeks to develop their own mobile apps in teams of five under one mentor; Fall 2017
- Built through MIT's AppInventor2 and Thunkable mobile app development platforms, both based on Java

Private Java Tutor (2 hours/week)

Sep. 2017 – May 2018

- Tutoring an AP Computer Science student on a weekly basis on Java
- Aided in boosting the student's grade from a C average to an A on a point-based scale in one semester

PROJECTS

Giggle Search Engine (Python + JavaScript Project)

May 2018

- Implemented a web crawler through the ics.uci.edu domain to create a Python Bottle server search engine

Blackjack Counter (LAHacks 2018 Python Project)

Mar. 2018

- Live analysis of a Blackjack game using the OpenCV image/video analysis library in Python and PyQt4 GUI

Main Menu (HackUCI 2018 Python + React Project)

Feb. 2018

- Analysis of Yelp reviews to generate informative restaurant menus using machine learning and Python servers
- Contributed data retrieval from Yelp's API and minimal web scraping through a Python Bottle server

U.S. Stock Market Activity Program (Personal Python Project)

Mar. 2017

- Retrieves U.S. stock market activity in the NYSE, NASDAQ, and AMEX exchanges
- Lists all stocks in an exchange by current activity into an excel format

Champion Mastery Retrieval Program (Personal Python Project)

Feb. 2017

- Utilizes Riot Games API to retrieve statistics about a current game in League of Legends

MapQuest Route Retrieval (Python Project)

Feb. 2017

- Utilizes MapQuest's API to retrieve GPS navigation for multiple locations

MISC

Hobbies	Photography, Cinematography, Photo/Film Editing, Computer Construction
Spoken Languages	English, Korean