Jonathan Estrada // Computer Science Student

2nd year student pursuing a B.S. in Computer Science at UC Irvine and considering a specialty in Software Engineering/development.

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github.com/jonestrada7 | **Portfolio:** jonestrada7.github.io/portfolio

EDUCATION

B.S. - Computer Science

University of California, Irvine

09/2018 – Present (Graduating in 2022) // GPA: 3.9

Coursework

Python Programming & Software Libraries, Software Engineering, Discrete Math, Boolean Algebra, Computational Linear Algebra, Statistics, Computer Organization

High School Diploma

American Canyon High School

08/2014 – 06/2018 // GPA: 4.0 - Valedictorian

Extracurriculars

Robotics Club ~ President 2014-2018,
Math Honors Society ~ President 2018

TECHNICAL SKILLS

Programming Languages	Python, C++, JavaScript, CSS, HTML
Technologies	NodeJS, ReactJS, Express, mongoDB, TensorFlow, Keras, Git

SOFT SKILLS

Leadership | Communication | Adaptability | Teamwork

EXPERIENCE

ACHS Summer Academy Tutor // June 2017 - July 2017

- Created lesson plans & lectures
- **Taught students** how to code in **Ch**, a derivation of **C++/C**
- Showed how to apply mathematical knowledge in practical applications

Napa Valley College Bookstore Sales Associate // July 2019 - September 2019

- Customer Service: answering customer questions and assisting with the purchase of merchandise
- Cashier/Register Duties: processing sales transactions involving cash/credit

PROJECTS

BillSplit // Full Stack Developer // April 2019

- HackSC: Designed a mobile **Android app**, splits a large party's bill by scanning a receipt
- Utilized **Taggun's Optical Character Recognition**, **Twilio's API, and Paypal's API.**

Digit / Natural Scenery Recognition // Machine Learning, Self-study // October 2019

- Utilized **TensorFlow** and **Keras** to create two **Convolutional Neural Network** models, used **NumPy** and **Pandas** libraries to prepare data
    - **Digits:** Trained on MNIST data, **98% accuracy** on validation set
    - **Natural Scenery:** Trained on data from Intel, **83% accuracy** on validation set

FindMyBoba // Back-end Developer // November 2019

- ZotHacks: Designed a **web-app** that will determine a user's current location and display an open, random milk tea place within a 10-mile radius.
- Built using **JavaScript, HTML, and CSS in Node.js** with the **Express** framework and **React.js**.
- Utilized the **Yelp Fusion API** to generate results for reputable milk tea places.