

# ORHAN OZBASARAN

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## TECHNICAL SKILLS

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- Python, Java, C/C++, HTML, CSS, JavaScript, SQL, jQuery,
- MySQL, MongoDB, Git, Visual Studio, Eclipse,
- PyTorch.py, Numpy.py, Matplotlib.py, Pandas.py, Node.js, React.js,
- DBMS, Artificial Intelligence, Data Mining, Machine Learning, Embedded Software.

## CERTIFICATES

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The App Brewery Complete Web Development Bootcamp: **ID UC-1df131e0-6bde-4dcb-b7a0-5ff7824aec2d**

- HTML, CSS, JavaScript, DOM, jQuery, Git, SQL, MongoDB, Node.js, Express.js, React.js, Firebase, Heroku.

## EXPERIENCE

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Profit Cyclops, Long Beach, CA

June 2022 – September 2022

### Software Engineer Intern

- Build web page components and models with UI Team by using HTML, CSS, and JavaScript,
- Implement Ajax, JavaScript, and jQuery for asynchronous data transfer and for client-side functionality,
- Conduct design and code reviews of development activity with an emphasis on performance and standards.

Click2Refund, Toronto, ON

January 2019 – April 2022

### IT Support Specialist

- Image company remote desktop servers for over 40 employees,
- Diagnose and fix tech-related issues through remote connections and one-on-one phones,
- Manage user accounts and grant individual access to system and software.

Old World Village Foundation, Huntington Beach, CA

June 2019 – January 2020

### Computer Science Instructor

- Instruct 10 8<sup>th</sup> grade students on Python, C++, HTML, CSS, JavaScript, including basic science and mathematics,
- Set up and deploy equipment, and accounts for students to use in class,
- Organize games and collaborative discussions to engage students in an active learning.

## PROJECTS

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Machine Learning / Data Mining

September 2022 – December 2022

### Investigation of Classification Methods for Fashion-MNIST

- Implement and analyze kNN, logistic, decision tree, and feedforward neural networks applied to the dataset,
- Explore dataset with visualization and generation of summary statistics, and conduct hyperparameter tuning,
- Evaluate the performance of classifiers both individually and combined with ensemble and hybrid methods.

Embedded Software

April 2022 – June 2022

### Manufacturing a Universal Alarm Clock

- Design an embedded computer centered around ATmega32 microcontroller with Microchip Studio,
- Implement responsive keypad without debouncing, prevent croaky and distorted digital sounds from speakers,
- Develop timer, multiple alarm settings, stopwatch, world clock, daylight-saving time, and musical notes when alarm goes off.

## EDUCATION

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University of California, Irvine - Irvine, CA

September 2021 – June 2023

### Bachelor of Science in Computer Science

GPA: 3.43

## ACTIVITIES

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Phi Theta Kappa Alpha Omega Mu Chapter, Irvine, CA

February 2019 – Present

### Member of Phi Theta Kappa Honor Society