

ZIXUN (JASON) WU

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EDUCATION

CareerDevs, Providence, RI **April 2018 - Jan 2019**
Collaborative bootcamp with self-directed study on computer science, web development, and machine learning

Venture For America Fellowship, Brown University, Providence, RI **June 2015 - June 2017**
Entrepreneurial experience from a highly selective program focused on high-growth startups in America's emerging cities

Lehigh University, Bethlehem, PA **May 2015**
B.S. Integrated Degree of Engineering, Arts & Sciences (Honors Program)
Concentration: **Mechanical Engineering & Product Design**
Cumulative GPA: 3.79/4.00

SKILLS

Languages: JavaScript, Python, C, C#, SQL, Solidity

Web Dev: Node.js, React, MongoDB, ExpressJS, GraphQL, Flask, Jinja, jQuery, CSS, HTML, Agile/Scrum methodology

Machine Learning: Predictive Analytics, NLP, Image Processing, Tensorflow, Fast.ai, PyTorch, Pandas, NumPy

Spoken Languages: English, Mandarin, Cantonese

EXPERIENCE

Software Developer and Instructor **Nov 2018 - Present**
Dracodess Software Engineering, Providence, RI

- Implemented client business ideas into marketable enterprise applications
- Developed from the ground up data collection/analytic and ecommerce store systems compliant with GDPR privacy laws
- Instructed and mentored over 50 associate developers on computer science and full stack web development

App Development Project Manager **May 2019 - Present**
The Fulham Group, Boston, MA

- Spearheaded the company's first mobile app development effort with an external development agency
- Ensured on time delivery on all milestone items following an agile development schedule

Web Developer **Nov 2018 - Jan 2019**
Vizzy Inc., Columbia University, New York, NY

- Developed web prototypes for an early-stage Ivy-league startup in the VR/AR e-commerce space
- Created 3D web user interface using Unity game engine for immersive furniture shopping experience

Project Engineer/Design Engineer **Aug 2015 - May 2018**
Focal Upright, East Greenwich, RI

- Managed the development of several human centric flagship products in an innovative furniture startup
- Engaged development from ideation to production, handling communications with domestic and foreign vendors

OPEN SOURCE PROJECTS

Menu Translator - github.com/Muosvr/menu-translation

- A mobile optimized AI-powered web app that instantly translates any restaurant menus to over 100 languages
- Created a data pipeline of photo OCR, object detection, machine translation, image search using Google Cloud

Raspberry Pi Powered Self-Driving Car - github.com/Muosvr/mycar

- Lane following using computer vision, machine learning, and video processing
- Increased processing speed by 50% and improved loss metrics by 36% compared to base model

Smart Task Scheduler - github.com/Muosvr/smart-task-scheduler

- An assistant that helps you intelligently and quickly schedule daily tasks based on priority stack and availability
- Extract events from connected Google calendar and automatically assign rule-based time slots for tasks

Nasdaq Stock Tracker - github.com/Muosvr/trade-tracker

- Developed a financial tracker following the Agile Scrum methodology in collaboration with a team of developers

Game Of Dice - github.com/Muosvr/gameofdice

- Multiplayer game based on web socket technology with real time game play, player log in, and game notification

INTERESTS

Machine learning, indie game design, Toastmaster Club(public speaking), improvisational acting, badminton