Taha Zia

Irvine, CA 92612
Email: ziat@uci.edu
Phone: (415) 810-8002

Education

University of California - Irvine, *Irvine, California*   **September 2021 - December 2022**
Master of Software Engineering

Jacobs University, *Bremen, Germany*   **September 2015 - June 2018**
BS Computer Science
Coursework: Software Engineering, Databases and Web Services, Data Structures and Algorithms, Visualisation, Machine Learning, Operating Systems, Computer Networks, Computer Graphics, Computability and Complexity

Carnegie Mellon University, *Pittsburgh, Pennsylvania*   **August 2017 - December 2017**
BS Computer Science - Exchange Semester
Coursework: Web Application Development, Artificial Intelligence, Information Security & Privacy

Skills

Python, Javascript, ReactJS, NodeJS, Typescript, C++, C, Java, HTML, CSS, SASS, Django, jQuery, AWS

Work Experience

Accenture, *Software Engineer - Associate Manager*   **November 2019 - August 2021**
- Created a web application that allowed pre-booking of cars online using React, Typescript, Nodejs, MongoDB, and AWS
- Launched tool to over 8 markets over Europe with 2.2M users visiting every month, managing high volume traffic using AWS Load Balancers
- Developed an e-commerce application that was used to purchase applications for e-cars using React, Typescript, Nodejs, Cypress, Enzyme, MongoDB and AWS
- Made the codebase more readable by reducing legacy code and improved automated test coverage from only 5% to about 60% which resulted in reducing reported bugs each sprint by about 70%
- Reduced on-boarding time by about 50% by updating documentation of technical tools

HRForecast, *Web Developer & Data Scientist*   **December 2018 - October 2019**
- Built a web application that streamlined workforce management, improving client's employer retention rates. Developed tool to allow clients to plan up to 15 years ahead by estimating the change in workforce (employees leaving, retiring, sickness). Used React, Typescript, Nodejs, MongoDB, and AWS to build the application
- Leveraged NLP to process job postings and get sentiment analysis ratings. Used these ratings to advise companies to make more welcoming job postings, increasing number of applications by ~120%

confiDental, *Web Developer*   **June 2015 - September 2018**
- Increased proportion of new clients generated from the web, from 10% to 40%, by improving web presence for dental practice by connecting social media accounts to the website and posting new content every month
- Considerably reduced bounce rate of website by making it user friendly and used Bootstrap to make it more stylistic

Projects

JPrepper, *Co-Founder*   **September 2016 - November 2018**
- Designed a web app for Jacobs university which allowed users to post about what they are studying, where they are studying, and for how long they plan to do so
- JPrepper reduced stress levels of students during finals season by providing a platform where they could connect with students stuck on similar problems, thereby, providing a support system and improving collaboration
- Developed the frontend with jQuery and the backend with Django, PostgreSQL to save user information and AWS to deploy the web application