A.J. Uppal

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Experience

SOFTWARE ENGINEERING INTERN, GOT IT, INC., BURLINGAME, CA – SUMMER 2019

Spearheaded the engineering for the ExcelChat chrome extension, built javascript modules (AutoTyper, testimonial carousel), built "bot" to maintain problem volume, helped serve QueryChat AI demo, schema scraping from GitHub/SQLFiddle.

SOFTWARE ENGINEERING INTERN, YOUWEB INC, BURLINGAME, CA – SUMMER 2018

Led the marketing campaign for a YouWeb Inc (Discord, Got-it) project, and built the campaign website and web application (javascript, node.js, photoshop, illustrator)

AIR QUALITY SCIENTIST & DATA ANALYSIS INTERN, BAAQMD, SAN FRANCISCO, CA – SUMMER 2017

Built, tested, and calibrated low cost air pollution monitors at the Bay Area Air Quality Management District. Built the cloud networking interface to view the data globally. Secured a $3000 grant for Los Altos High School to integrate air pollution monitor building into APES curriculum.

FULL STACK DEVELOPER, THEAJUPPAL.COM, – 2015-2018

Designed and developed custom websites by hand for clients. Self-run business. (node.js, javascript, React, python)

SOFTWARE DEVELOPMENT INTERN, VELOCLOUD NETWORKS (ACQUIRED BY VMWARE), MOUNTAIN VIEW, CA – SUMMER 2015, 2016

Carried out performance analysis of the network appliance using Ixia, built a web front end to animate the deployment of geographically distributed sites. (javascript)

Education

University of Massachusetts, Amherst – Dual Major: Computer Science B.S., Astrophysics B.S. – 2022

Skills

Languages: python, javascript, java, C, SQL, HTML/CSS
Frameworks: React.js, node.js, socket.io, jquery, pytorch, Flask, Redux.js, Three.js, OpenCV

References

Phil Martien (BAAQMD), David Holstius (BAAQMD), Ajit Mayya (VeloCloud Networks, Inc.)
Peter Relan (YouWeb, Inc.). Contact information available upon request.