



Max Lai

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EXPERIENCE

DXC Technology

Tampa, FL

Software Engineer

April 2020 – Present

- Implemented new features, troubleshooted issues and created bugfixes in an Agile environment for DXC Experience Hub, a cloud enterprise learning management system.
- Developed middleware applications and RESTful APIs to validate and process large amounts of data, using tools such as Python, Falcon, RabbitMQ, Postman, Docker and Kubernetes.
- Optimized application performance by reducing code length and migrating shared libraries to an external repository for reusability.

LaunchCode

Tampa, FL

Teaching Fellow

February 2020 – June 2020

- Taught an introductory full-stack web development course, covering technologies such as JavaScript and Angular, to a class of non-traditional computer science students.
- Supervised weekly meetings and pair programming exercises, and supported students via online office hours.

Xcira, LLC

Tampa, FL

QA Automation Engineer

July 2019 – April 2020

- Built a suite of automated tests in an Agile environment utilizing Python, Selenium WebDriver, and other tools to support and test the company's flagship simulcast auction software product during and after regular business hours.
- Developed an operational support application to parse JSON data for active auctions and verify end-user web client functionality by periodically logging into ongoing sales.
- Reduced manual testing efforts by 75% and decreased time between issue discovery and resolution.

SKILLS

Languages: Python, Java, C#, JavaScript

Full Stack: Django, Falcon, Flask, AWS, PostgreSQL, HTML, CSS

Other: Unix/Linux, Jira, Git, Docker, Kubernetes, RabbitMQ

PROJECTS

Learning Package Uploader

2020

- Coordinated with two developers to build an application from the ground up that facilitates storing and serving SCORM-compliant content within an enterprise learning management system, using Python, Docker and RabbitMQ.

User Management API

2020

- Created an API utilizing Python, Falcon, and PostgreSQL to ingest and log new trial user data in a database, authenticate users via JSON Web Tokens, and export user data for leads generation.

Appointment Scheduler Application

2020

- Built a desktop Java application for creating, modifying, and deleting appointments in multiple timezones utilizing a MySQL database, lambda expressions, streams and filters, and localization and date/time APIs.

EDUCATION

Western Governors University

Tampa, FL

B.S. Computer Science

2018 - 2021

University of California, Irvine

Irvine, CA

B.A. Criminology

2006 - 2010