

Experience

Revature LLC	2024
<i>Software Engineer in Test Automation Engineering</i>	<i>Remote</i>
<ul style="list-style-type: none"> Used Java, JUnit, Cucumber, Selenium, HTML and CSS to write automated tests that reduced manual testing time by 90% Used Jira for project management and Agile behavior-driven test development to document application features and associated test cases Worked in a team of 4 software engineers to create automated systems tests and user acceptance tests with 90% code coverage 	
Tangible AI	2023
<i>Software Engineer, Fullstack with Frontend focus</i>	<i>Remote</i>
<ul style="list-style-type: none"> Collaborated with a team of 3 engineers Created a graph visualization using D3.js and JavaScript to visualize a chatbot conversation Added a backend API using Django 	
SubThought Corp	2023
<i>Software Engineer</i>	<i>Remote</i>
<ul style="list-style-type: none"> Collaborated with the product owner to create a language extension for a new functional programming language, enabling syntax highlighting in VS Code Technologies used: JavaScript, Regex, VS Code Extension API, TypeScript, XML, JSON, Git, GitHub Taught myself TextMate Language Grammar and the VS Code Language Extension API 	
Tangible AI	2021
<i>Software Engineer, Intern</i>	<i>Remote</i>
<ul style="list-style-type: none"> Learned Python, clustering with K-means (Scikit-Learn), plotting data (Matplotlib and Seaborn) Created an interactive UI mapping of noun phrases using embeddings (spaCy.io) and dimensionality reduction (T-SNE) 	

Hackathons

Cerebral Beach Gen AI Hackathon	2024
<i>1st-Place Prize Winner, Sports & Media Track – devpost.com/software/pulse-live</i>	<i>Santa Monica, CA</i>
<ul style="list-style-type: none"> Worked in a team of 5 to build a livestream feed and chatbot for sport event video segmentation Frontend Technologies: JavaScript, Next.js, Tailwind CSS; github.com/danielenriquez59/pulselive-frontend Backend Technologies: Python, 12 Labs API, Llama Index; github.com/danielenriquez59/pulselive-backend 	
Outer Edge LA Hackathon	2023
<i>Bounty Prize Winner</i>	<i>Santa Monica, CA</i>
<ul style="list-style-type: none"> Worked with two others to create a web application to interface with a third-party NFT wallet Technologies: JavaScript, HTML, CSS, HTTP protocols 	
AI LA Bioscience Hackathon	2022
<i>1st-Place Prize Winner, The All of Us Research Track</i>	<i>Culver City, CA</i>
<ul style="list-style-type: none"> Performed exploratory data analysis (EDA) on participant healthcare data to determine correlation between Diabetes Mellitus Type 2 and Long-COVID-19 using a decision tree regression model (Scikit-Learn) Implemented an interactive tree visualization using D3.js for the regression model Collaborated with a cross-functional team of 5 to present preliminary findings in-person 	

Projects

infoverse.ai Next.js, D3.js, JavaScript, Tailwind CSS, SPARQL	2022 - 2023
<ul style="list-style-type: none"> Solo developer on this SPA that provides a graph-based (D3.js) interface for Wikipedia.org (MediaWiki REST endpoint) and Wikidata.org (SPARQL and REST endpoint) Solving the explorability problem by providing a graph-based interface for Wikipedia.org and Wikidata.org 	

Education

Master of Science, Software Engineering	2021 - 2022
<i>California State University, Fullerton; GPA 3.84</i>	<i>Fullerton, CA</i>
Doctor of Medicine – Non-conferred	2017 - 2020
<i>Loma Linda University, School of Medicine</i>	<i>Loma Linda, CA</i>
Bachelor of Science, Biochemistry	2012 - 2014
<i>Southern Adventist University; GPA 3.68</i>	<i>Collegedale, TN</i>
Associate of Science, Pre-Engineering	2010 - 2013
<i>Wake Technical Community College; GPA 3.87</i>	<i>Raleigh, NC</i>