

## Experience

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

## Hackathons

<b>Cerebral Beach Gen AI Hackathon</b>	<b>2024</b>
<i>1st-Place Prize Winner, Sports &amp; Media Track</i>	<i>Santa Monica, CA</i>
<ul style="list-style-type: none"> <li>Worked in a team of 5 to build a livestream feed and chatbot for sport event video segmentation.</li> <li>Frontend Technologies: JavaScript, Next.js, Tailwind CSS; <a href="https://github.com/danielenriquez59/pulselive-frontend">github.com/danielenriquez59/pulselive-frontend</a>.</li> <li>Backend Technologies: Python, 12 Labs Video Segmentation API, Llama Index; <a href="https://github.com/danielenriquez59/pulselive-backend">github.com/danielenriquez59/pulselive-backend</a>.</li> </ul>	
<b>Outer Edge LA Hackathon</b>	<b>2023</b>
<i>Bounty Prize Winner</i>	<i>Santa Monica, CA</i>
<ul style="list-style-type: none"> <li>Worked with two others to create a web application to interface with a third-party NFT wallet.</li> <li>Technologies: JavaScript, HTML, CSS, HTTP protocols.</li> </ul>	
<b>AI LA Bioscience Hackathon</b>	<b>2022</b>
<i>1st-Place Prize Winner, The All of Us Research Track</i>	<i>Culver City, CA</i>
<ul style="list-style-type: none"> <li>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).</li> <li>Implemented an interactive tree visualization using D3.js for the regression model.</li> <li>Collaborated with a cross-functional team of 5 to present preliminary findings in-person at the 2022 AI LA Bioscience Hackathon.</li> </ul>	

## Projects

<b>infoverse.ai</b>   Next.js, D3.js, JavaScript, Tailwind CSS, SPARQL	<b>2022 - 2023</b>
<ul style="list-style-type: none"> <li>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).</li> <li>Solves explorability problem by providing a graph-based interface for Wikipedia.org and Wikidata.org.</li> </ul>	

## Education

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

