JON SUNDIN

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linkedin | github | portfolio

Experience

Revature LLC   **2024**

Software Engineer in Test Automation Engineering   *Remote*
- 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**

Software Engineer, Fullstack with Frontend focus   *Remote*
- 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**

Software Engineer   *Remote*
- 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, TypeScript, XML
- Taught myself TextMate Language Grammar and the VS Code Language Extension API

Tangible AI   **2021**

Software Engineer, Intern   *Remote*
- Learned Python, clustering with K-means (Scikit-Learn), plotting data (Matplotlib and Seaborn)
- Created an interactive visual mapping of noun phrases using word embeddings (spaCy.io) and dimensionality reduction (T-SNE); github.com/jmsundin/wordmap

Hackathons

Cerebral Beach Gen AI Hackathon   **2024**

1st-Place Prize Winner, Sports & Media Track – devpost.com/software/pulse-live   *Santa Monica, CA*
- 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**

Bounty Prize Winner   *Santa Monica, CA*
- 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**

1st-Place Prize Winner, The All of Us Research Track   *Culver City, CA*
- 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**
- 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)
- Solves explorability problem by providing a graph-based interface for Wikipedia.org and Wikidata.org

Education

Master of Science, Software Engineering   **2021 - 2022**

California State University, Fullerton; GPA 3.84   *Fullerton, CA*

Doctor of Medicine – Non-conferred   **2017 - 2020**

Loma Linda University, School of Medicine   *Loma Linda, CA*

Bachelor of Science, Biochemistry   **2012 - 2014**

Southern Adventist University; GPA 3.68   *Collegedale, TN*

Associate of Science, Pre-Engineering   **2010 - 2013**

Wake Technical Community College; GPA 3.87   *Raleigh, NC*