Mason Lancaster

Software Engineer

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PROFESSIONAL EXPERIENCE

Software Engineer, Point Loma Nazarene University | San Diego, CA   **05/2023–present**
- Led technical implementation of new third-party service for student conduct and accommodations to streamline services and protect data
- Built crucial integration to ensure continuing utilization of our Student Success platform after Instructure changed data structures
- Earned Workday Pro Integrations Administration certification, demonstrating expertise on new development platform within 3 months

Cohort Instructional Leader, Code the Dream | Remote   **05/2023–09/2023**
- Co-led the Introduction to Programming course for dozens of students from under resourced communities

Adjunct Professor, Wheaton College, Point Loma Nazarene University, Pacific Theological Seminary   **09/2019–present**

Director, Boston Healthcare Fellowship | Boston, MA   **08/2015–07/2016**

Software Trainer and Technical Consultant, Interlaced | San Diego, CA   **03/2010–07/2011**

Software Trainer ("Creative"), Apple | San Diego, CA   **06/2007–08/2009**

OPEN SOURCE CONTRIBUTIONS (all links in portfolio, code on GitHub; see above)

Advent Translation – *React, Express, Node, MongoDB/Mongoose, Skeleton CSS, Vercel*   *Nov 2023*
- Rapidly developed app providing one Hebrew and one Greek verse to translate each day of Advent 2023.

BookIt! – *React, OpenAI API, Google Books API, Express, Node, MongoDB, Mongoose, AdminJS, JavaScript*   *Dec 2022*
- Launched a full stack single-page React app for users to track and motivate their book-reading goals and progress
- Provided custom AI-generated book recommendations based on users' favorite books using the OpenAI API

Board Meeting – *Python, AWS API, Django, PostgreSQL, Heroku, HTML, CSS, Materialize*   *Nov 2022*
- Deployed a full-stack Django web app for organizing board game meetups, including full CRUD functionality for multiple data entities
- Engineered secure user experience using Python and Django for MVT architecture, authentication, and authorization and AWS API

Moment: A San Diego Date Planner – *Express, Node, MongoDB, Mongoose, HTML, CSS, JavaScript, Google OAuth*   *Oct 2022*

LaunchPad – Agile Project Development Program – *JavaScript, HTML, CSS, React, Node, 3rd-party APIs*   *Jan–Mar 2023*

Mancala – *JavaScript, HTML, CSS*   *Sept 2022*

The Blessing Home (*volunteer*) – *SquareSpace*   *2009–2023*
- Maximized partnership engagement (20,000+ page views) and financial support by designing and managing the webpage of an Indian orphanage using Squarespace (in partnership with Topher Design)

TECHNICAL SKILLS

Languages - Java, JavaScript, HTML, CSS, Python | **Libraries and Frameworks** - React.js, Django, Node.js, Express.js, Workday, Workday Studio | **Databases** - PostgreSQL, MySQL, MongoDB, Mongoose | **Other** - AWS S3, REST, API, Agile, Git/GitHub/BitBucket, Tailwind, Bootstrap, Gatsby, graphQL

EDUCATION

General Assembly Software Engineering Bootcamp | Remote   **09/2022–12/2022**
Ph.D. in Hebrew Bible / Old Testament | Wheaton College   **09/2016–08/2020**
Master of Divinity (M.Div), Master of Theology (Th.M.) | Gordon-Conwell Theological Seminary   **09/2011–05/2015**
Bachelor of Science in Cognitive Science (Neuroscience) | University of California, San Diego   **09/2003–06/2007**