Soren Larsen

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EDUCATION

- **University of California Santa Cruz** — Santa Cruz, CA
  Bachelor of Science in Computer Science; GPA: 3.4 — *Sept. 2019 – June 2023*

HIGHLIGHTED EXPERIENCE

- **University of California Santa Cruz** — Santa Cruz, CA
  Product Owner - ParkMe Mobile App Project — *Jan 2023 - March 2023*
  - **Product Ownership and Leadership**: - Led a cross-functional team in developing the ParkMe mobile app. - Managed the product roadmap, prioritized features, and allocated resources efficiently.
  - **Development Stack Expertise**: - Utilized Flutter, Node.js, Typescript, TSOA, and PostgreSQL for app development. - Set up Google Cloud account and integrated APIs like Google Maps for accurate location services.
  - **User-Centric Design**: - Focused on user-friendly interfaces and intuitive navigation. - Ensured seamless user experience and mapping capabilities.
  - **Backend Development Contributions**: - Wrote essential backend routes for rental transactions. - Conducted rigorous testing and quality assurance for app reliability.

- **UCSC Baskin School of Engineering** — Santa Cruz, CA
  Peer Advisor — *Jul 2021 - Sep 2023*
  - **Customer Service and Support**: - Provided indispensable front-line support to a diverse student population. - Assisted with class enrollment, graduation planning, petitions, and more.
  - **Problem-Solving and Communication**: - Demonstrated strong problem-solving skills and knowledge of the engineering school. - Directed both students and visitors to appropriate school departments and faculty.
  - **Resource Connection**: - Utilized excellent communication and interpersonal skills to ensure that all were connected to the resources and support they needed.

PROJECTS

- **Personal Portfolio**: Jul 2023 - Aug 2023
  - **Tech Stack**: React.js, Node.js, Material UI, Firebase
  - **Description**: Dynamic portfolio website with interactive web apps and photo gallery.
  - **Features**: Responsive design, captivating user experience, project showcases.
  - **Website**: www.larsensoren.com

- **Messaging Service App**: Mar 2023 - Jun 2023
  - **Tech Stack**: Kotlin, Swift, React Native, Barista, XCTest, Jest
  - **Description**: Multi-language messaging app similar to Discord/Slack, rigorously tested.
  - **Testing**: Thorough testing for reliability, seamless user experience.

- **NLP Sentiment Analysis**: Mar 2022 - Jun 2022
  - **Tech Stack**: Python, Keras, RNN, LSTM, IMDB dataset
  - **Description**: Enhanced sentiment analysis accuracy using advanced machine learning techniques.
  - **Tasks**: Data preprocessing, model development, training, evaluation.

- **HTTP Web Server**: Oct 2022 - Dec 2022
  - **Tech Stack**: C, multithreaded development, socket programming, HTTP protocol
  - **Description**: Designed and implemented a high-performance, multithreaded HTTP server.
  - **Features**: Efficient communication, threadsafe operations, robust byte parsing, customizable thread count.

CERTIFICATIONS

- **DeepLearning.AI** — Coursera/Stanford
  Supervised Machine Learning: Regression and Classification - Sept. 2023, AI ForEveryone - July 2023
- **Mayhem Certified** — For All Secure
  May 2023

TECHNICAL SKILLS

- **Languages:** Python, C, C++, Swift, Kotlin, Java, Javascript, Dart, Typescript, HTML, CSS, SQL, Haskell
  Frameworks/Databases: React, React Native, Flutter, Express.js, Node.js, Vue.js, PostgreSQL, Flask

- **Developer Tools:** Git/GitHub, Jira, Figma, Docker, Jest, Barista/Espresso, Postman

- **Soft Skills:** Effective Communication, Agile Adaptability, Collaborative Teamwork, Strategic Time Management, Rigorous Attention to Detail, User-Centric Customer Service