

# Soren Larsen

Portfolio: <http://www.larsensoren.com>

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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 cross-functional teams in adhering to Agile, Scrum, and mock stakeholder meetings, along with conducting standup meetings, code reviews, and more. - Managed the product roadmap, prioritized features, wrote technical documentation, and allocated resources efficiently.
  - **Development Stack Expertise and Frontend Development:** - Utilized Flutter, Node.js, Typescript, TSOA, and PostgreSQL database for mobile application 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.

## HIGHLIGHTED PROJECTS

- **Messaging Service App:** Mar 2023 - Jun 2023
  - **Tech Stack:** Kotlin, Swift, React Native, Barista, Espresso, XCTest, Jest
  - **Description:** Multiuser Messaging app developed in multiple languages each time utilizing the same backend REST API
  - **Testing:** Thorough testing and debugging for reliability, code coverage, and seamless user experience.
  - **Link:** <https://gitfront.io/r/iamsoren/TbpzioKijiha/Messaging-Service/>
- **Email System:** Jul 2022
  - **Tech Stack:** React, Node.js, Express, PostgreSQL, Material UI
  - **Description:** Developed a comprehensive email system with core functionalities including email sending and receiving, mailbox navigation (inbox, sent folder, custom folders), and user-customizable personalized mailboxes.
  - **Link:** <https://gitfront.io/r/iamsoren/watXvfgwYEzr/Email-Service/>
- **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.
  - **Link:** <https://gitfront.io/r/iamsoren/4viJLvCh4wdj/NLP-Sentiment-Analysis/>

## CERTIFICATIONS

- **DeepLearning.AI** Coursera/Stanford  
*Various AI/ML Certifications: Jul - Nov 2023*
- **Mayhem Certified** For All Secure  
*May 2023*

## TECHNICAL SKILLS

- **Languages:** Python, C/C++, Swift, Kotlin, Java, Javascript, Dart, Typescript, HTML, CSS, SQL, Haskell, Latex
- **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, Google Cloud
- **Soft Skills:** Effective Communication Skills, Agile Adaptability, Collaborative Teamwork, Strategic Time Management, Rigorous Attention to Detail, User-Centric Customer Service, Leadership, Creativity, Empathy, Conflict Resolution, Resilience, Critical Thinking