Melina Salazar-Perez

Seattle, WA| melina.salazar221@gmail.com| (915)-300-4015

Junior Software Engineer with a Computer Science degree and professional experience as a Technical Program Manager. Previous experience as a software engineer include internships in Microsoft, Amazon and NASA. Adept in product development and managing large-scale privacy programs at Meta (Facebook). Proficient in delivering complex programs, leveraging technical expertise and Agile methodologies for process optimization and efficiency. Collaborates effectively with stakeholders and cross-functional teams to promote seamless user experiences and business growth.

Education

University of Texas at El Paso- B.S in Computer Science August 2017- August 2022

Experience

Meta-Technical Program Manager August 2022 – June 2023

* Spearheaded extensive infrastructure programs encompassing data warehousing and privacy, with company-wide impact.
* Collaborated closely with Product Management and internal customers such as WhatsApp, Facebook, and Instagram, to anticipate and fulfill customer requirements.
* Established a clear vision and roadmap for my areas of subject matter expertise, driving alignment and building sustainable long-term solutions.
* Maintained consistent communication with key stakeholders and executives, providing regular program updates and progress reports while bridging the gap between technical and business interests
* Provided effective direction to software engineers, creating project timelines and facilitating the removal of obstacles to ensure successful program outcomes.

Verizon- Security Engineer June 2021 – June 2022

* Served as the technical subject matter expert for malware analysis to prevent data

breaches across many organizations

* Developed a Python module to search for malware in client’s code repositories

using a sandbox virtual machine.

NASA Center for Space Exploration Technology Research- Security Software Engineer January 2020 –December 2020

* Developed web app and UX in a virtualized Linux environment to encrypt/decrypt

live feed data feeds using TypeScript, Angular, Mongo DB

Amazon Web Services- Software Engineering Intern June 2020 – August 2020

* Designed API, backend architecture and user interface to develop a full-stack web application

using React and AWS data analytics services to improve customer’s experience with

visualizing data quality in the cloud.

Microsoft- New Technologist Intern Program June 2019 – August 2019

* Designed and implemented an iOS application empowering visual learners to

overcome information overload.

* Developed an app using an interactive user centered approach and the product life cycle,

while implementing Agile best practices such as code reviews, user stories, unit/integration

testing and functional specs.

Skills

* Java, Python, Comprehensive Program Management, Strategic Risk Mitigation,

Effective Stakeholder Communication, Proficient in Agile Methodologies, Seamless Cross-functional Execution.

Projects

* El Paso Strong Hackathon Co-Organizer August 2019-February 2020
  + Partnered with Microsoft to create the largest in-person Hackathon in El Paso, TX.
  + Led the outreach and marketing efforts to gather over 300 attendees.
  + Gathered mentors and professionals to engage with participants and provide technical workshops.

Activities/Awards

* Microsoft TEALS Volunteer Teaching Assistant
* ACM Computer Science Club President