**FirstName LastName**

619-555-2345 Burbank, CA

YourPersonalEmail@gmail.com – YourLinkedInProfileLink

Highly analytical and technology-driven Computer Engineer who combines computer science with electrical engineering to build new computers and computer systems. Strong in-depth knowledge of design, analytics, algorithms, analysis tools, and object-oriented modeling. Critical and creative thinker with excellent communication and problem-solving skills.

* Demonstrated ability identifying operational bottlenecks decreasing operational disruptions
* Strong customer service skills effectively interacting with multiple key stakeholders in complex operational ecosystems
* Strong analytical skills and proficiency interpreting data and complex information
* Exceptionally strong interpersonal communication skills
* Capacity to work independently, or with a team, under immense pressure to meet deadlines
* Professional Skills - Data / Business Analytics, Visualization, Supply Chain, Consulting, Financial Analysis, Project Management
* Software Skills - Power BI, Tableau, Azure DevOps, Microsoft Excel, PowerPoint, Word, Project, Minitab, NetLogo
* Programming Languages - SQL, Python, R, C++, VBA
* Data Analytics Skills – EDA, Regression Analysis, Time Series Analysis, Data Modelling, Casual Inference, Statistics, Probability

**EDUCATION**

**Master of Science – Computer Engineer** University of Buffalo May 2025

**Bachelor of Science – Electrical Engineer** Boise State UniversityMay 2021

**EXPERIENCE**

ABC Manufacturing Inc., Norwalk, CT Aug 2023 – Jan 2024

**Software Engineer Intern**

* Developed firmware stack using C/C++for radio transceiver equipment used in 4G LTE cellular networks
* Rectified software bugs resolving issues leading to a 40%reduction in field deployment time.
* Collaborated in a multinational team of 11conveying complex ideas and ensure timely completion of tasks

ZyxZyx Lab Jan 23 – July 23

**Research Assistant**

* Collaborated with a startup company analyzing air sanitation device performance using computational models and calculated air quality and efficiency
* Used hpc cluster with Linux operating systems solving the simulations
* Automated simulations using journal files for Ansys fluent, macros for Tecplot and deployed using SLRUM scripts
* Achieved 40% speedup in simulation time by performing sensitivity and scaling using Ansys Fluent on HPC clusters
* Drafted weekly reports and delivered impactful presentations of work to the stakeholders,
* Improved efficiency of onboarding process increasing pre-onboarding communication, creating an onboarding checklist, and centralizing critical documents in a Google Drive

SPADA Inc.May 22 – Dec 22

**Software Engineer Intern**

* Employed in the D&E team and using skills including Github actions and pages, Jira, agile software development, jquery, and Rest API
* Led a project leveraging Github actions to analyze git runner health on set intervals and deploy a website wallboard using JS and
* Jquery to show updates on local office TV, accomplished project 2 weeks before deadline.
* Designed another project with Github workflows, Python, and Jira Rest API to automatically create dozens of reminder tickets for Ais and TLs to help organize and facilitate scheduled releases, automated to be repeated for every release and populate necessary Jira calendars. Completed 1 week ahead of schedule.
* Produced a presentation demoing both of these projects to team and key stakeholders at end of internship.

**PROJECT WORK**

**Predictive Model to Optimize Warranty Costs** | *Python, Power BI, Agile, MS Office* Collaborated with Wabash National on a sponsored project and built a predictive model to optimize their warranty costs.

**Dynamic Sales Performance Dashboard** | *Power BI, Microsoft Excel* Conducted data analysis for a computer hardware company, developing a real-time sales insights dashboard with Power BI.

**Library Information Management System** | *MySQL, Oracle* Designed a real-time database system for a library using Oracle SQL, incorporating Triggers, Functions and Procedures.

**Relevant Coursework (optional)**

Intro to Computer Programming Data Structures and Algorithms 1 & 2

Computer Systems and Organization Electrical/Computer Engineering Fundamentals

Software Development Essentials Discrete Math

Intro to Embedded Computer Systems Intro to Cybersecurity

**Certifications (optional)**

AWS Certified Cloud Practitioner, August 2023-August 2026.

**Honors and Awards (optional)**

University of Buffalo – Excellence in Mathematics and Science Award May 2020

Dean's List – University of Buffalo Fall 2021 - Spring 2022 - Fall 2022 - Spring 2023

**Publications (if applicable)**

**Scholarships and Awards (if applicable)**