



SHAWN
LONG

3130 Canyon Crest Drive, #13,
Riverside, CA 92507
951-215-8574,
shawn.long@email.ucr.edu

PROFESSIONAL SUMMARY

I'm a 4.0 student in the undergrad Computational Mathematics program at UC Riverside. I love coming up with solutions to difficult problems. If you give me a tough problem to solve, I thrive when allowed to create my own solutions to it. I have a strong foundation in computer science and mathematics, making me a more well-rounded candidate than many of my peers. I'm dedicated, passionate about my work, and am sure to be an asset to any organization I join.

SKILLS

- Detailed Analysis
- Data Integration and Processing
- Software Testing and Implementation
- Object Oriented Programming
- Software Fluency
- Ability to Effectively Communicate
- Functional and Integration Testing

LANGUAGES

- C++
- Python
- Java
- Batch
- Markdown
- Unix

TECHNOLOGIES

- Git
- Google Test
- NumPy, Pandas, Matplotlib
- Qt Framework
- Amazon Web Services
- Graphviz

EXPERIENCE

IT & Analytics Advisor
Haven Ministries | 3741 Merced Dr, Suite H, CA

November 2016 - Current

- Developed analytics department from the ground up, creating systems to automate data processing from a database into live dashboards for use by marketing and finance.
- Initiated design development processes by analyzing user needs and software requirements against design vision.
- Showed both technical and non-technical personnel the identified relationships between different types of information such as radio station cost and new donor acquisition.
- Designed process models to effectively bring in, load, and transform business data.
- Developed and directed software system testing and validation procedures, programming, and documentation.
- Managed internal IT needs for a small/medium-sized office

Designer, Operations Manager, Project Specialist
Canyon Lake, CA

March 2014 - Current

- Conducted team meetings alongside the office manager
- Researched new market areas for the company and developed technical systems to meet those new demands, such as expanding into new print media like cards, wood or metal printing and engraving.
- Maximized inventory availability through timely and accurate requisition orders.
- Satisfied individual and retail customers with on-target designs.

Technician
Lake Elsinore, CA

October 2013 - March 2014

- Diagnosed and repaired equipment ranging from desktop computers, gaming consoles, mobile devices and laptops.
- Assessed hardware and software problems with effective troubleshooting, diagnostic, and problem-solving abilities.
- Investigated reported technical issues and determined needed actions.
- Prolonged life of equipment through proper cleaning and upkeep.

EDUCATION

B.S. Computational Mathematics (In Progress)
University of California, Riverside, Riverside, CA

June 2022

A.S. in Math and Science with Distinction
Riverside City College, Riverside, CA

July 2020

A.A. in Communication, Media and Languages with Distinction
Riverside City College, Riverside, CA

June 2019

A.A. in Humanities, Philosophy and Arts with Distinction
Riverside City College, Riverside, CA

June 2019