

Ameer Khan

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EDUCATION

University of California, Santa Cruz

Bachelor of Science in Computer Engineering: Concentration in Computer Networks

Santa Cruz, CA
Expected June 2019

- *Relevant Coursework:*

- Algorithms and Abstract Data Types (Java & C)
- Computer Architecture
- Data Structures (Java & C)
- Electronic Circuits
- Operating Systems (C)
- Logic Design (Verilog)
- Probability and Statistics for Engineers
- Signals and Systems (MATLAB)

EXPERIENCE

Computer Tips

Electronics Sales Associate

Lahore, Pakistan
August 2017 - September 2017

- Responsible for selling smartphones, laptops and an array of other electronic devices to the customers
- Maintained the sales and inventory records accurately, which resulted in consistent profits and inventory control

Fremont Main Library

Teen Tech Volunteer

Fremont, CA
June 2013 - June 2014

- Worked with ten other volunteers to help older adults learn how to use the Internet, smartphones, digital cameras, Microsoft Office and other online web-based accounts such as social media platforms
- Worked as a leader to make sure the older adults left satisfied and to help guide other volunteers as needed

PROJECTS

Personal Website | HTML, CSS

September 2018

Personal Project

- Built a responsive personal website from scratch using HTML and CSS

Bank Application | Java, Eclipse

August 2018

Personal Project

- Created a program in Java that reads a .csv file of names, social security numbers, account types and initial deposits in order to handle new customer bank account requests

Student Database Application | Java, Eclipse

August 2018

Personal Project

- Created a program in Java that manages a student's enrollment in order to keep track of information such as name, grade, student ID, school email, password, courses and tuition

Priority Scheduling | C

May 2018

Academic Project

- Implemented priority-based thread scheduling in C for the pintos operating system by implementing the prioritized ready queue, the priority in the concurrency primitives and the priority donation between threads

DoublePong | Swift, Xcode

July 2017

Personal Project

- Built a two-dimensional iOS game in Swift with pong gameplay that involves two balls
- Implemented play, pause, restart, main menu button functionality as well as various game modes, in-game sound and a game-over screen

SKILLS

Languages: Java, C, HTML, CSS, Verilog, Swift, MATLAB

Tools: Git, Eclipse, Xcode, Vivado, Basys3 Board