

Nicholas K. Wong

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OBJECTIVE

To acquire valuable experience in programming in order to further develop my skills and knowledge.

EDUCATION

University of California, San Diego
Bachelor of Science, Computer Science

Graduation: June 2018
GPA 3.6

COMPUTER SKILLS AND COURSES

Programming Languages: Java, C, C++, Android, MySQL, SQL Server, HTML, CSS, JavaScript (basic)
Tools/Skills: Git, Vim, Eclipse, Code::Blocks, Trello, Aqua Data Studio, Android Studio, BlueJ, Parse (API), Processing, Linux/Unix systems
Relevant courses: Data Structures, Discrete Mathematics, Software Engineering, Design and Analysis, Algorithms, Introduction to Computation, Development Design, Operating Systems, Database Systems

PROJECTS

_story (demo available) August 2015 – Present

- Designed 2D side-scroller with various character effects, attacks, and automated monsters
- Drew art/sprites by myself, then rendered as animations; added parallax scrolling type background
- Written in C++ with use of SDL2.0 and heavily focused on OOP

Munny July 2016

- Developed a light Android application which captures spending with the option of adding pictures
- Created and queried from using SQLite database (as filters for showing entries)
- Started from scratch: edited UI and functionality as needed

QUICKMED April 2016 – June 2016

- Partnered with organization One Step in developing a prototype for a medical app to survey Nepal
- Converted mockups to running Android code; implemented add, edit, and lookup/search of patients

Stinder January 2016 – April 2016

- Worked on back end using Parse as well as front end doing UI and design work
- Implemented messaging between users with Sinch as well as uploading images to the database
- Helped work on algorithm and debugging along with basic refactoring/cleaning of code

WORK/LEADERSHIP EXPERIENCE

AmazonFresh, Amazon June 2017 – September 2017
Software Development Engineer Intern

- Helped to design a solution to an existing problem which affected real customers as well as business
- Learned and worked with internal tools as well as various teams to complete the project
- Presented my work to dozens of Fresh employees in multiple cities

Business Application Development Group, UCSD Health Sciences July 2016 – Present
Programming Assistant

- Fixed, wrote, and analyzed scripts written using Scriptella and various database querying languages
- Worked with RESTful APIs to allow querying from databases
- Set up various servers to test security such as LDAP and SSL Termination for RHEL servers

[N]Motion Dance Team, UCSD July 2015 – June 2016
Co-Captain

- Ran practices, taught choreography, and helped develop growth in dancers