

SHANNON KE

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OBJECTIVE

Searching for an internship or co-op opportunity in software development or design

SUMMARY OF QUALIFICATIONS

- Solid computer science background in programming, graphic design, and game development.
- Over 5 years of experience in computer generated graphic design, satisfying 200+ customers including individuals and businesses for \$2000 in sales per year.
- Fast learner, able to adapt to new learning environments quickly and efficiently
- Great leadership, team building, and overall communication skills

EDUCATION

Bachelor of Science in Computer Science: Georgia Institute of Technology, Atlanta, GA *2016 - present*

- GPA: 3.6/4.0 Expected graduation Summer/2020

Walton High School *2012 – 2016*

- Graduated in the top 2% of the class with honors

PERSONAL PROJECTS

Facebook Connectivity Index (Google Chrome Extension):

- Developed a chrome extension linked to a website that reads from the Facebook API
- Developed an algorithm to calculate a sociability index for Facebook users based on the number of connections and interactions they have over a period of time.

Online Grade Calculator (Website):

- Programmed a grade calculator with HTML, CSS, and Javascript
- Parsed JSON data for specific classes at Georgia Tech and input values from strings into forms

Heart - Suicide information and prevention (Website):

- Working site for raising suicide awareness programmed with javascript, css, and html.
- Technologies used include node, express, socket.io, MongoDB, and mLab to host the database.
- Includes forums and chatrooms for users to talk to each other anonymously about their problems

BeeKeeperGo (programmed in Unity):

- Managed a game development team, creating and designing an app where players may take bee and flower pictures that are saved for data collection
- Lead designer, creating images through Paint Tool Sai and programming the app with C#

Personal website: shannonke.me

COURSEWORK

- CS1301 – *Python*
 - Developed a role-playing game through Python
 - Programmed a grade calculating website with HTML, CSS, and Javascript
- CS1331 – *Java*
 - Object oriented programming and code efficiency.
 - Created virtual Pokedex with Java GUI
- CS1332 – *Data Structures and Algorithms*
 - Understood how to program and implement data structures and algorithms and how to maximize efficiency in code

SKILLS

Coding: Java, Python, C#, Javascript, HTML, CSS

Software: Adobe After Effects, Photoshop, Paint Tool Sai, Unity

Graphic Design: 2-D design, illustration, animation, music transcription

Languages: English, Chinese

EXPERIENCE

Direct Marketing Intern (*Peak Enterprises and AT&T*)

June 2017-August 2017

- Solidified communication skills working one on one with customers, satisfying their questions and concerns while making sure both the customer and myself are comfortable.

AID Summer Volunteer (*Teacher, event organizer*)

July 2016-August 2016

- Taught introductory English to underprivileged children at He Ping Elementary School in Taiwan
- Successfully researched, organized, and executed a two-week curriculum and activity schedule