Taylor He

123.456.7890 | taylor.he7@gmail.com

EDUCATION

Stevens Institute of Technology
GPA: 3.667
BS in Computer Science
Minor in Mathematics
Exp. May 2019

Cherokee High School
Grad. Jun 2015

LINKS

LinkedIn.com/in/ **taylorhe**
GitHub.com/ **taylorhe**
Personal:// **taylorhe.github.io**

COURSEWORK

Data Structures
Algorithms
Software Development Process
Programming Languages
Operating Systems
Systems Programming

ACTIVITIES

SCSC
Member of the Stevens Computer Science Club

SASE
Member of the Society of Asian Scientists and Engineers

KSA
Member of the Stevens Korean Student Association

FIRST Robotics
Member of the FRC Software Team
Mentor to the current software members

HONORS

Dean's List (All Semesters)
Stevens Presidential Scholarship
AP Scholar with Distinction

EXPERIENCE

Lockheed Martin | Software Engineering Intern
May 2016 – August 2016 | Moorestown, NJ

- Debugged operational systems for battleship equipment
- Coordinated extensive largescale integration and regression testing of new features
- Wrote comprehensive JMockit unit tests for code changes
- Implemented a multi-tabbing feature and various QoL changes to an internal GUI builder tool for system engineers

Storm Robotics | Mentor and Former Software Member
October 2012 – April 2015 | Marlton, NJ

- Provided guidance to team members in order to successfully complete all subsystems of the robot on time
- Designed string potentiometer control software and drive train control software
- Helped develop an Android application for team scouting to record other FRC teams' data

CURRENT PROJECTS

RockSat: Vibration Isolation | C • C++ • Python • Matlab
October 2016 - Present

- Creating a system to record and isolate vibrations occurring in a payload of a NASA rocket
- Implementing real-time vibration cancellation on a microprocessor and parsing the collected data after launch

Text Mining | Python • HTML/CSS/JS
January 2017 - Present

- Designing a program which processes political and presidential statements made on Twitter and predicts stock market behavior due to the tweets
- Implementing a naive-bayes machine learning model using the scikit-learn library in Python to generate a sentiment from the statistical analysis of text

Cupcake Clicker | C++
December 2016 - Present

- Designing an Android/iOS/Windows/MacOS game using SDL 2
- Implementing a versatile grid layout for item placement

SKILLS

Programming

Fluent in: C++ • Java • Python • Scheme
Familiar with: MatLab • HTML/CSS/JavaScript • AVR Assembly

Other

Clearcase • JIRA • JMockit • Jenkins • Bootstrap • Scikit-learn