Taylor He

856.359.5960 | 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

COURSEWORK

Discrete Structures
Data Structures
Algorithms
Automata and Computation
Operating Systems
Machine Learning

LINKS

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

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

Marching Band
Member of high school marching
band, 2015 National Champions

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 unit tests for various code changes
- Implemented new features to an internal GUI builder tool
- Operated in an agile environment

Storm Robotics Team | FRC 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

Shanghai Express Restaurant | Restaurant Employee
January 2010 – August 2015 | Marlton, NJ

- Managed time effectively waiting tables, making deliveries, and performing busboy duties under busy hours

Stevens Institute of Technology | Bowling Alley Attendant
January 2015 – Present | Hoboken, NJ

- Assigned customers to alleys and monitored activities to ensure adherence to rules and safety procedures
- Fixed broken bowling alleys and performed other miscellaneous maintenance duties

CURRENT PROJECTS

RockSat | 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

Cupcake Clicker | C++
December 2016 - Present

- Designing an Android and iOS game with 3 other peers

SKILLS

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

Other
Clearcase • Github • JIRA • JMockit Library • Jenkins