

Taylor He

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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:// [taylorhe](#)

GitHub:// [taylorhe](#)

Personal:// [taylorhe](#)

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