

Lawrence Lee

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EDUCATION

Pennsylvania State University | Schreyer Honors College

- Major GPA - 3.80 | Cumulative GPA - 3.63
- B.S. and M.S. in Computer Science, Senior Standing Aug 2016 – Present
- Dean's List - awarded to students with a 3.5 GPA or higher 2/2 Semesters

TECHNICAL EXPERIENCE

Personal Projects

- StackOverflow Search Library
 - Built a Java library using Apache Maven to automatically search StackOverflow and Google for exceptions thrown during runtime

DATA Laboratory, Pennsylvania State University

Jan 2017 – Present

- Utilized JSoup and JDBC Java libraries to implement program to process Amazon review data
 - Performed calculations to weight individual reviews based on personal review history to provide more accurate customer feedback to manufacturers and retailers
- Employed Apache Lucene and Tika libraries to pre-process Tweets for sentiment analysis
 - Filtered tweets based on language and corrected spelling errors within Tweet body

LionTech Rocket Labs, Pennsylvania State University

Sep 2016 – Present

- Developed an autonomous autogyro payload to be launched out of a rocket mid-flight
 - Consolidated, streamlined, tested, and debugged C++ code from a multi-person team to ensure compatibility between modules
 - Devised flight control algorithm to automatically direct autogyro towards preset destination
 - Applied Adafruit libraries to program Arduino and XBee modules to ensure communication
 - Designed and fabricated electronic circuitry to integrate sensors, Arduino microcontroller, and communication components

WORK EXPERIENCE

Customer Service Associate, Rental Department, Men's Wearhouse

May 2016 – Jul 2016

- Boosted net sales with a thorough knowledge of the clothing catalog to sell tuxedos and accessories

Instructor, Mathnasium of Glen Mills

Jun 2014 – Jun 2016

- Fostered love for mathematics in students by explaining, refining, and solidifying core mathematical concepts from basic operations to calculus

SKILLS

Technical

- Coding experience: Java (1.5 years), Python (1 year), C++ (6 months), SQL (3 months)
- Multimedia: Adobe Premiere, Adobe After Effects, Adobe Photoshop, LaTeX
- Proficient with MS Office Suite including Excel macros, Visual Basic, and advanced functions

Leadership

- Lion Tech Rocket Labs
 - Coordinated software development within a team of 3-4 people and enforced coding standards to improve code readability and utility
- Senior instructor at Mathnasium
 - Trained new instructors on proprietary teaching methodologies

EXTRA CURRICULARS

- Olympic weightlifting Sep 2015 – Present
- Piano performance Jul 2002 – Present
- Lion Tech Rocket Labs, Pennsylvania State University Sep 2016 – Present
- ESports Club, Pennsylvania State University Sep 2016 – Present