Allan La

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EDUCATION

Bucknell University, Lewisburg, PA
Expected Graduation Date May 2018

B.S.E. in Computer Science and Engineering,
Minor in Mathematics

COURSEWORK

Data Structures
Algorithms
Software Engineering
Computer Architecture
Programming Languages
Operating Systems
Human Computer Interaction
Databases
Full Stack Web Applications
Computer Security&Crytography

SKILLS

Proficient:
Python, Java
Familiar:
C, HTML, CSS, JavaScript, R, HQL
Operating Systems:
Linux
Technologies:
D3

INTERESTS

Data Science
Software Development
IoT Development
Mobile Development

LINKS

https://allanla.github.io/portfolio/
https://www.linkedin.com/in/allanla

RELEVANT WORK EXPERIENCE

UnitedHealth Group | Technology Development Internship
Summer, 2017 | Boston, MA

- Designed and implemented a machine learning pipeline to automate the manual processing of claims
- Accepted role of Data Master and used R's tidyverse package to manipulate data for machine learning, and creating visualizations for data discovery

Worcester Polytechnic Institute | Undergraduate Researcher
Summer, 2016 | Dr. Lane Harrison, Department of Computer Science

- Conducted interdisciplinary data science research through the WPI REU Data Science program with faculty and students
- Researched quantifying Data Literacy based on different types of visualizations and modifications
- Incorporated HTML, JavaScript, and CSS to design experiments to put on Amazon Mechanical Turk, then used R for data discovery

Bucknell University Comp Sci. Dept. | Head Teacher's Assistant
August, 2015-Present | Lewisburg, PA

- Oversee all help sessions and assist student questions in CSCI-203
- Organize and hold meetings with other teacher's assistants

Bucknell University Teaching and Learning Center | Facilitator
August, 2016-Present | Lewisburg, PA

- Facilitated and organized study groups for CSCI-204
- Fostered an inclusive environment where ideas can be shared and discussed

AWARDS AND LEADERSHIP

Robert G. Miller Math, Science and Engineering Scholarship
2014-2018| Bucknell University

Engineering Success Alliance (ESA) Peer Mentor
August, 2015 – Present | Bucknell University

- Provided academic and social support to 21 incoming engineering students

Together Everyone Achieves More (TEAM) Peer Mentor
August, 2015 – Present | Bucknell University

- Conducted weekly meetings with mentee to monitor academic and personal progress

PROJECTS

Zombie Shooter

- Developed a third-person zombie shooter game from scratch with a team of 4 using AGILE Development techniques such as Scrum and GitLab for version control