Lucas Balangero

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EDUCATION

University of Maryland <div align="right">College Park, MD</div>

Bachelor of Science in Computer Science <div align="right">Spring 2022</div>

Relevant Coursework: Algorithms, Data Science, Statistics, Machine Learning, AI, Cryptography

Montgomery College <div align="right">Rockville, MD</div>

Associates of Arts in Computer Science <div align="right">December 2019</div>

Relevant Coursework: Discrete Structures, Object Oriented Programming, Calculus I & II, Linear Algebra

TRAINING AND SKILLS

Programming Languages Ranked by Proficiency: Java, Python, Ruby, C++, C, and JavaScript
Languages: Fluent in English and Spanish
Technologies and API's: JSON, Postgres, Git, Jira, Ruby on Rails, and Docker

PROFESSIONAL EXPERIENCE

Raytheon Technologies <div align="right">Riverdale Park, MD</div>

Software Engineer Intern <div align="right">Summer 2020, Summer 2021</div>

- Supported NASA's EOSDIS (Earth Observing System Data and Information System) Evolution and Development 2 (EED-2) program of Earthdata systems
- Discovered and Investigated bugs in EOSDIS user registration GUI with Insomnia and wrote bug tickets
- Updated API documentation to increase the readability for other software engineers
- Created migration tasks on Ruby on Rails to uniformly alter the user's database
- Worked with JSON, Postgres, Git, Jira, Ruby on Rails, and Docker

PathSearch <div align="right">College Park, MD</div>

Software *Engineering Intern* <div align="right">*December 2019 - January 2020*</div>

- Developed front end work on web and mobile application called PathSearch, which allowed users to visualize what careers one would have to land their ideal job
- Tasked on researching, implementing, and testing XMPP chat feature on application using Smack API to assure communication between mentors and mentees

Panda Programmer <div align="right">Rockville, MD</div>

Teacher <div align="right">*November 2018 - December 2019*</div>

- Taught structured programming to class of 15-20 students in grades K through 8 using Python and Scratch
- Communicated clearly and efficiently the progress of students to MCPS staff and parents dealing with any concerns
- Weekly updates with other employees over the phone to assure company improves past class projects and lectures for students

LEADERSHIP & AFFILIATIONS

Eagle Scout Rank <div align="right">Rockville, MD</div>

Boy Scout of America <div align="right">October 2016</div>

Software Development Club Treasurer <div align="right">Rockville, MD</div>

Montgomery College <div align="right">*January 2019 - December 2019*</div>

PROJECTS

Penn State University Hackathon Project <div align="right">State College, PA</div>

HackPSU <div align="right">*March 2019*</div>

Created a drawing application on python using turtle library that receives input from a Microbit with a gyroscope sensor attached to allow user to draw in the air and see the results on screen.