

SOWMYA THOTTAMBETI

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EDUCATION

- Master of Science (M.S), Management Science & Engineering** **Dec 2023**
Columbia University
- Master of Science (M.S), Computer Science, Systems Modelling & Data Analysis** **Jul 2020**
AGH University of Science & Technology
- Bachelor of Science (B.S.), Electronics and Telecommunications, ICT** **Feb 2018**
Poznan University of Technology

EXPERIENCE

- Software Engineer, Nike** **Aug 2019 - Aug 2022**
- Reduced the sample ordering process time & effort by over 60% and counting by eliminating 100% import excel files, streamlining the entire process, & building an API to get real time updates on existing sample products.
- Data Engineer Intern, Nike** **Feb 2019 - Aug 2019**
- Developed software and data products integrated with data lakes and marts, and implemented complementary product features in collaboration with business and technology stakeholders
 - Cleaned and optimized terabytes of data for later use of ingestion and consumption
- Software Engineer, Cisco** **Sep 2018 - Jan 2019**
- Designed and developed the automated infrastructure using cisco's network services orchestrator (nso) – this process included netconf, yang modelling, xml, tail-f, and ncs, just to name a few.
- Software Development Intern, Intel** **Jul 2018 - Aug 2018**
- Conducted ongoing tests and code reviews in python using psycopg2 to interact with and modify the postgresql databases
 - Created readme text files to instruct new users on how to install, configure, and operate the iot onboarding service
- Consulting Engineer Intern, Cisco** **Feb 2018 - Jun 2018**
- Contributed to network and data center designs, performance engineering, and problem resolution tasks
 - Performed vulnerability assessment and risk evaluation scoring for a wide range of enterprise architectures
- Software Engineer Intern, Cisco** **Jul 2017 - Sep 2017**
- Created libraries containing high level keywords that analyze the web-based graphical interface of the platform system
 - Integrated robot framework in python to run web browser tests in a continuous integration environment used for acceptance testing

SKILLS

Programming Languages: JavaScript, Typescript, Python, Dart, R, SQL
Software & Tools: AWS, Git, Jira, Confluence, LaTeX, Procreate, Figma

LEADERSHIP

- Amsterdam Chapter Lead for AnitaB.org and Nassau Chapter Organizer for Google Developer Groups : Organize guest speaker series (50+ participants), regional meetups, etc.
- Lead Instructor at BETA and FEMStem Bahamas : Curate the curriculum & teach high school students (>200) topics pertaining to coding & development, ui/ux design, and product development
- Product Owner at Women in Tech Caribbean : Develop and manage the speaker slate to connect women from the Caribbean to various speaking opportunities and/or public appearances

AWARDS

- Outstanding Student Award awarded to 5% of all students for academic excellence : Jun 2018
- Young Activist Award awarded from a pool of applicants (>500) on the basis of social work, community leadership and activism : June 2017