

Margherita Y. Thompson

CDO Note: Resume of a Junior or Senior
emphasizing work experience with
projects, leadership

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EDUCATION

Boston University College of Engineering

Bachelor of Science in Computer Engineering

GPA: 3.71/4.0 (Dean's List)

Boston, MA

Expected May 2023

RELEVANT COURSEWORK

Data Science

Intro to Programming for Engineers

Intro to Software Engineering

Intro to Machine Learning

Applied Algorithms for Engineers

Intro to Logic Design

SKILLS

Languages: Python, C, C++, C#, Java, MATLAB

Applications: Microsoft Excel, PowerPoint, Word, Visual Studio, Arduino

PROFESSIONAL EXPERIENCE

Initech, Inc.

Boston, MA

Engineering Intern

May – Aug 2021

- Developed backend of data masking software for large enterprises with Java
- Optimized controllers for database access by increasing load speed by 30% using Java and SQL

Marketplace.com

Cambridge, MA

Process Assistant

May – Sep 2020

- Monitored work flow progress to identify missing, unfilled, or mislabeled orders
- Responded to client complaints and helped to increase sales by 7%

Boston University Technology Services

Boston, MA

Desktop Support Assistant

Sep 2019 – May 2020

- Resolved computer software issues, remove malware, and troubleshoot problems for staff, faculty, students, and alumni across campus
- Answered client technology questions both in person and over the phone
- Provided imaging, inventory, and asset management services for university owned machines

SELECT PROJECTS

Autonomous Car Project

Jan – Apr 2021

- Designed and programmed a mini car with sensors to mimic attributes of a self-driving vehicle
- Collaborated in a team of 3 to program car using an Arduino
- Presented final product to a class of 20 students and professor

Study App Design Project

Oct – Dec 2020

- Generated a Java application to help students locate uncrowded study locations on campus
- Developed, distributed, and collected 200+ surveys to gather study space data for app
- Managed development of app documentation and presentation to showcase final product

City Crime App

Sep – Dec 2019

- Produced an app in MATLAB App Designer to plot and visualize locations of crime in Boston
- Coded instructions in app to plot latitude and longitude coordinates onto mobile map

LEADERSHIP

Vice President, Society of Women Engineers (SWE), Boston University

Apr 2021 – Present