

Nick April

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MB 1670 415 South St Waltham MA, 02453

A hard-working computer science student looking for full time opportunities in software development. Capable of working independently but excels in team-oriented environments. Worked at the Brandeis University IT department for three years in both individual and management roles.

EDUCATION

Brandeis University, Waltham MA

B.A. in Computer Science and Environmental Studies

Expected May 2018

GPA: 3.6

Coursework: Database Management Systems, Operating Systems, Data Structures, Software Engineering Capstone, Mobile App Development, Autonomous Robotics, Discrete Math, 3-D Animation, Advanced Java Programming

SKILLS

Programming: Java, SQL, Python, Ruby, CSS, XML, JSON, HTML

Software: Linux, Git, Eclipse, Google Analytics, ROS

PROJECTS

Autonomous Robotics, Brandeis University

Spring 2018

Student *ROS & Python*

- Develop and implement strategies for autonomous robotic movement in python with a ROS environment in Ubuntu Linux

Operating Systems, Brandeis University

Fall 2017

Student *Java*

- Built basic command shell for interacting with a file system using multi-thread communication; implemented command piping to allow commands entered on a single line to run concurrently
- Constructed a priority scheduler on a multi-thread simulation of tunnels and vehicles; utilized java condition variables to avoid busy-waiting on concurrent threads

Android Application Development, Brandeis University

Fall 2017

Project Member – Android App Development

Java

- Developed and launched a mobile ticketing app for University events
- Ensured user data encryption by implementing Google Firebase for authentication

TA OnDemand, Software Engineering Capstone

Spring 2017

Project Member

Ruby on Rails

- A Ruby on Rails web application built with Scrum Agile Development strategies
- Implemented a real-time chat feature with Websockets
- Utilized a SQLite database in development, PostgreSQL in production and AWS S3 for image hosting

WORK EXPERIENCE

Technology Services Help Desk, Waltham MA

Spring 2017 – Present

Manager

- Evaluate daily operations and carryout necessary changes to procedures, workflow or internal documentation on a team of 30+ technicians

Technician

Fall 2015 – Spring 2017

- Diagnosed and resolved problems on personal computers, University Systems and accounts