NILAY BARDE

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EDUCATION

Northeastern University, Khoury College of Computer Science   **Boston, MA**
Candidate for Master of Science in Computer Science   Sep 2021 – Dec 2022

Northeastern University, Khoury College of Computer Science   **Boston, MA**
Candidate for Bachelor of Science in Computer Science & Business Administration   Sep 2018 – May 2021
Finance Concentration
Relevant Courses: Graduate: Web Development, Computer Systems, Computer Networks
         Undergraduate: Software Development, Financial Data Analytics, Database Design, Management of Information Systems, Investments

- *GPA:* 3.55/4.00
- *Awards and Activities:* GCP Applied Technologies Scholarship Award, Phi Delta Theta – Community Service Vice President, Dean's List

Massachusetts Academy of Math and Science at Worcester Polytechnic Institute   **Worcester, MA**
Dual – Enrollment   Sep 2017 – May 2018
Relevant Courses at WPI: Algorithms, Object-Orientated Design, Discrete Mathematics, Program Design, Calculus (I-IV)

COMPUTER KNOWLEDGE

Languages*: Proficient in:* JavaScript, Python, Java, HTML, CSS, SQL
         Familiar with: Elixir, C, SCSS, Lisp, Scheme: Racket
Frameworks/Technologies*:* React, Phoenix, Git, HTTP, REST API, MySQL, MS SQL Server, VS Code, AWS, Windows, Linux

WORK EXPERIENCE

Asics Digital   **Boston, MA**
Software Engineer Co-op   Jan 2020 – Aug 2020

- Developed the checkout flow for Buy Online Pickup In Store (Click & Collect) to enhance omnichannel capabilities
- Created and implemented a feature for displaying the retail inventory on ASICS.com in real-time
- Refactored order integration between Salesforce Commerce Cloud (SFCC) and Service Cloud (SFSC)
- Designed and created a scalable solution to integrate the product feed between SFCC and SFSC for multiple regions (US, EU)
- Optimized front-end changes using HTML, CSS, SCSS to refine user experience by improving order history & error messaging
- Implemented a feature to auto-board the payment terminal with the in-store Endless Aisle iOS application

Weiss Analytics   **Natick, MA**
Software Development Intern   Jun 2017 – Aug 2017

- Created visual graphs of data gathered from databases with SQL and Python (Pandas, NumPy)
- Analyzed and organized large data sets of property information (over four terabytes with several hundred million records) from several cloud-based servers using MySQL and SQL Server
- Created an automation program used to troubleshoot Weiss Analytics website, found over 250 zip code errors

PROJECTS

meNU Dining (Developer)   Dec 2018 – Oct 2020

- Web & Mobile app: provides real-time menu info for dining halls at Northeastern University (React)
- Conducts several API calls / hour and implements JSON serialization to provide real-time experience for users
- Sends push notifications when a previously specified food(s) is available on the menu for the current day
- Marketed and advertised app to gain over 600 daily active users and ~300 followers on Instagram

Giftive (Open Source on Github)   May 2019 – Jul 2019

- Android app: provides users the ability to organize gift lists according to personal budgets (Java)
- Users can log into accounts from any device and receive their data from Google Firebase
- Schedule tab where a calendar displays upcoming events and important dates
- Shopping list tab where users can check off purchased items and keep track of gifts to purchase

ADDITIONAL INFORMATION

Interests and Hobbies: Public Speaking, Fantasy Football, Investing, Guitar, Piano, Chess, Monopoly
Volunteering: Hope Loves Company, Community Harvest Project, Blackstone Valley India Society