Levi Kaplan

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Education

Northeastern University, Boston, MA — Sept. 2018 - Present
Khoury College of Computer Sciences
Candidate for Bachelors of Science in Computer Science — Graduating Dec 2022
Honors Distinction
Coursework: Software Development, Foundations of Data Science, Mathematics of Data Models, Embedded Design, Algorithms and Data, Technology and Human Values, Object Oriented Design, Deep Learning Research Seminar, Calculus 2 — GPA: 3.59/4.00
Activities: Artistry Magazine, Game Development Club, Survivor Northeastern

Computer Knowledge

Languages:
Proficient: Java, Scala, Python, C++
Familiar: React, Swift, C#, HTML, CSS, Angular, Javascript, SQL

Software and Frameworks:
Git, IntelliJ, Eclipse, AWS, XCode, Unity, Postman, SpringBoot, Gradle, Docker, Node

Design Technologies:
inDesign, Figma, XD, Photoshop, Illustrator, ProCreate

Work Experience

Software Engineer, Veracode: — Jan - Jun 2020
- Six month Co-op as Back End Engineer for the Static Platform Team
- Met deadlines and collaborated as part of an Agile team using JIRA
- Contributed to large-scale microservice architecture development

Static Code Analysis Status REST API (Java, AWS): — May - Jun 2020
- Worked with lead software architect to determine up/down status of services
- Created endpoint to query database using SQL
- Created AWS Lambda to process JSON data from the endpoint
- Returned the up/down status so internal developers can know system health

Front End Bug Fixes (Java): — Jan - Apr 2020
- Fixed numerous bugs on the front-end static code analysis platform
- Collaborated with team members to push fixes and meet deadlines

Projects

Fish Game [Schoolwork] (Scala): — Sept - Dec 2020
- Collaborated with three different team members across two codebases
- Developed a board game tournament that AI players connect to and compete in

Campaign Contribution Data Research [Schoolwork] (Python): — Sept - Dec 2020
- Scraped and munged campaign finance data from multiple sources
- Goal to determine the effect of company campaign contributions on legislation
- Ran and compared multiple machine learning models to predict voting of congress
- Used hypothesis testing techniques to evaluate our model's success

Security Research Paper [Personal] (Python): — Sept - Dec 2019
- Worked with Professor Mislove to research the effects of Facebook's ad delivery
- Goal to determine ad delivery characteristics for housing, credit, employment ads
- Concluded that removal of demographic features from algorithm may not prevent biased outputs

Interests

Japanese, cooking, photography, video games, fantasy novels, coffee

References Available Upon Request