Kim Phillip

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Experience

Epic, Verona, WI   2018—2021
Software Developer
- Designed and developed inclusive software to help obstetrics & gynecology clinicians care for patients
- Lead, scoped, and released projects to migrate codebase from VB to C# and TypeScript
- Gathered feedback from stakeholders to create optimal and timely bug fixes across client & database code
- Collaborated with other teams to promote code reuse for better maintainability
- Gave input as a subject matter expert on customer calls and onsite shadowing visits

Credit Suisse, New York, NY   Summer 2017
Application Developer Intern
- Researched and developed predictive single stock trading Transaction Cost Analysis models using Python
- Developed and integrated a best execution reporting tool into existing C# framework for new regulations

Digital Measures, Milwaukee, WI   Summer 2016
Automation Intern
- Implemented Cucumber tests in Java for automated test suite to run against new builds before deployment

CH2M, Milwaukee, WI   Summer 2015
Administrative Intern
- Developed Excel macros to automate greenhouse gas data scrubbing for migration to new database
- Benchmarked client and its competitors on sustainability practices for materiality assessment

Education

New York University Tandon School of Engineering, New York, NY   May 2018
Bachelor of Science in Computer Engineering
GPA: 3.75/4.0, magna cum laude
Coursework: databases, embedded systems, machine learning, computers & social change, computer ethics
Extracurricular activities: Wasserman Advisory Board, ACM-W, WinC, oSTEM, Writing Affiliates volunteer

Technical Projects

Google Maps Editorial Analysis– Independent Senior Design Project   Spring 2018
Python and Tableau project that looked for trends related to unconscious bias in editorials across zip codes
- Generated a set of Google Maps restaurant data via APIs and web scraping over a map of Brooklyn
- Processed, analyzed, and visualized data; Presented findings and live demo to advisor and committee

PartyPatrol   Summer 2017
Arduino project that displays live sound levels on a LCD for noise control
- Reads microphone data, maps it to a range of number, and displays volume levels as custom characters

Skills

Programming: C#, TypeScript, Python, HTML/CSS, M, C++, Java, SQL, VHDL (in order of proficiency)
Design: Inkscape, TinkerCAD, Publisher, Tableau, PSpice, Xilinx ISE, GIMP, AutoCAD

Awards, Honors, and Affiliations

- NYSC: 2014 delegate, 3 years staph, alumni president
- NCWIT: 2014 AiC Award recipient, 2016-2022 reviewer
- Mycelium Mysteries volunteer 2021-2022
- Google Games, 2015-2017 (2x team spirit award)