Corinna Hoang

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EDUCATION

DREXEL UNIVERSITY   PHILADELPHIA, PA
College of Computing and Informatics   Graduated: June 2022
Bachelor of Science in Computer Science   GPA: 3.3

PROFESSIONAL EXPERIENCE

CurveBeam   HATFIELD, PA
Software Engineer   *September 2020 - September 2021*
- Implemented eight software features to end-user GUI applications using Tkinter and NumPy libraries to improve accessibility, error prevention, and scan accuracy for the HiRise X-Ray machine.
- Created open-box unit tests for research to write monthly Risk Management documentation for six months.
- Authored a software design document for the refactoring of an essential application that automatically calibrates all CurveBeam X-Ray machine models.
- Developed Python scripts for x-ray machine movement following agile principles.

Radian Group Inc.   PHILADELPHIA, PA
Junior Developer   *September 2019 - March 2020*
- Maintained, supported, debugged four web and back-end services that processed mortgage insurance applications.
- Contributed to bug fixes on production code following an agile development process, using Jira to manage tasks.
- Developed automated health checks on applications by writing Python scripts and PowerShell modules, using Jenkins.
- Automated existing issue documentation on ServiceNow, Confluence, SalesForce, and SharePoint for more time efficient and intuitive lookup and document search-ability.
- Assisted in the interview and onboarding process of a Junior Developer new hire.

IPIPELINE   PHILADELPHIA, PA
Tier III Support Analyst   *September 2018 - March 2019*
- Resolve client-side issues and bugs by communicating with customers, development teams, and internal departments.
- Fixed bugs, completed Jira stories, and provided support, by correcting SQL queries and C# code; utilizing Splunk and SQL Server.
- Documented bugs, user issues, and resolution steps, using Confluence to track unfamiliar and common issues, and provided a reference for future troubleshooting efforts.

ACADEMIC PROJECTS

HealthBI   DREXEL UNIVERSITY
Project Manager / Software Engineer   *September 2021 - June 2022*
- Designed a data model for efficient searchability and injection of unorganized health data, using an OLAP approach, for a team of data science research students at Drexel University.
- Parsed and reshaped data from a CSV file format to fit the designed data model by writing 14 API Python scripts and manipulated data using PostgreSQL.
- Maintained a gantt chart to organize weekly meetings between teammates, stakeholder, and advisor where I delegated GitHub tasks and expectations.

LEADERSHIP

- **Women in Computing Society**, Finance Chair, 2017 - 2022
- **CodeForPhilly,** Choose Native Plants (Open Source Project), Volunteer Software Developer, 2022 - Present
- **Sigma Psi Zeta Inc**, Fundraising Chair, Philanthropy Committee, Nu Chapter Alpha Eta Class, 2018 - 2022

SKILLS

Languages:	Python, C, Java, JavaScript, Bash, SQL, HTML, CSS, PowerShell, Racket, Scheme
Libraries/Frameworks:	React, Tk, Tkinter, Bootstrap, Django, Flask, NodeJS, NPM, jQuery, AngularJS, Selenium
Tools:	Git, Toad for Oracle, SQL Server, Jenkins, Splunk, Excel, pip, LaTex, New Relic, Docker

RELEVANT COURSEWORK

Data Structures and Algorithms	Systems Programming	Systems Architecture	Software Architecture II
Software Verification and Validation	Database Systems	Computer Networks	Computer Programming II