YUWEI ZHOU

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EDUCATION

Drexel University   Philadelphia, PA
Bachelor of Science in Mathematics and Computer Science   Anticipated Graduation - June 2019
Minor: Finance   **Cumulated GPA: 3.98**

EXPERIENCE

SAP Labs   Palo Alto, CA
Software Engineer   April to September 2018
- Built data pipelines in Python on Azure which collect and analyze server usage data at SAP, removed unused servers and reduced monthly cost by 15%
- Analyzed server usage data on Google Cloud Platform, Google Big Query, and created user-friendly reports on Google Data Studio to enable other non-technical departments to better visualize the data
- Built backend data pipelines for web applications that displayed data reports for internal Github usage to manage monthly cost and enhance server performance efficiency

SAP SE   Walldorf, Germany
Technical Project Manager   April to September 2017
- Worked on the preparation for the SAP internal group chatting tool project and assisted the Due Diligence meeting with the suppliers as the action item taker and tracker
- Participated in the project Proof of Concept, collecting, analyzing data and creating weekly reports
- Developed and implemented multiple services and features for the Tobi chat bot which integrates into multiple Unified Team Collaboration tools
- Participated in the final roll out of the Unified Team Collaboration tools and created relevant documentations for the tools
- Oversaw the overall Software Development Life Cycle of the Unified Team Collaboration tool

SAP America   Newtown Square, PA
Software Engineer and Quality Assurance   March to September 2016
- Developed the front end for a data migration tool using C#, saving each employee 2 hours when getting a new computer by automatically migrating all data from one box to another
- Designed and developed the front end of a user setting application in C# and PowerShell, saving employees time when looking for specific internal setting
- Imaged various Windows operating systems to different machine models to test the compatibility between SAP software and Windows operating systems to mitigate risk of SAP system downtime after operating system upgrading

PROJECTS

NLang   Philadelphia, PA
Software Engineer   September 2018 to Present
- Participated in the development of a new programming language, the N Language, a low level machine language for the beginners
- Implemented the Standard Math Library for the N Language using N
- Designed and Implemented the Arbitrary Precision Integer data type and library for the N Language using N
- Designed and Implemented the performance test for the N Language using Python

SmartShoppers   Philadelphia, PA
Project Manager   January to March 2016
- Created the Android application SmartShoppers for ordering and delivering groceries using Java and PHP
- Designed and Developed the front-end of SmartShoppers
- Delegated roles and tasks across the team and managed deadlines.
- Organized weekly status meetings, managed communication within the team

SKILLS

- Computing and Programming: Python, C, C++, Java, JavaScript, .NET, TypeScript, SQL, AngularJS, HTML5, CSS3, C#, Bash, Scheme, SAS, Unix/Linux, MATLAB

HONORS AND AWARDS

Robert J. Bickel Endowed Scholarship, Drexel University, Spring 2016
Dean's Scholarship, Fall 2014 to Present

ACTIVITIES

Teaching Assistant, College of Computing and Informatics, Drexel University, Fall 2018 to Present