JASHANPREET SINGH

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EDUCATION

Drexel University - College of Computing and Informatics, Philadelphia, PA   **Expected Graduation: May 2022**
Bachelor of Science, *Computer Science – Focus on Software Engineering and Artificial Intelligence*   **GPA: 3.82**
Relevant Coursework: Software Architecture I, Software Verification and Validation, Systems Programming, Systems Architecture, Data Structures and Algorithms, Web and Mobile App Development, Mathematical Foundations of CS

SKILL

Programming Languages: *Experienced:* Python, Java, C/C++; *Prior Experience:* JavaScript, Bash, SQL, HTML/CSS
Technologies/Environments: Git, Splunk, AWS, Linux/Unix, Atlassian Toolset (Jira, Bamboo, BitBucket), Node.js, Express.js, Maven, JUnit, Bootstrap, Mockito, Postman, MS Office Suite
Methodologies: Agile, Scrum, Kanban

TECHINCAL EXPERIENCE

The Vanguard Company, Malvern, PA   **Mar. 2020 – Sep. 2020**
Java Developer Co-Op
- Developed Angular web applications and RESTful micro-services using Java hosted on the AWS cloud
- Formulated comprehensive test suites using Junit to validate implementation of every functionality
- Worked on a continuous delivery pipeline using Bamboo and carried out elevations to production using Ansible
- Collaborated with team members to deliver expected products on strict deadlines following agile methodologies such as Scrum and Kanban

Drexel University – College of Computing and Informatics, Philadelphia, PA   **Sep. 2019 - Present**
Teaching Assistant
- Assist with Advanced Programming Techniques and Computer Programming II
- Hold weekly office hours and review sessions for students learning Python, C, Bash and Unix to teach them key concepts along with efficient code-design and project development
- Assess students' performance by writing grading scripts to grade assignments and providing timely feedback

RELEVANT PROJECTS

Park Here, an Android application that assists commuters with finding parking   **Jun. 2019**
Scrum Master/Software Developer
- Integrated Google Maps API to calculate distance and directions to selected parking locations
- Incorporated Kivy, an open-source Python library, to compile the application in Python
- Stored details relating to parking garages in a MySQL database and generated queries to fetch information
- Lead the 4-person team through development and effectively organized daily scrums, increasing productivity and fostering innovation

EZ-Tickets, an event-based ticketing system for small venues   **Mar. 2020**
Developer
- Designed a RESTful server-side logic for the API using Express
- Implemented persistent data storage using Sequelize and Postgres
- Built the Node.js API alongside three other teammates by splitting the work into front and back-end

Vacancy Scarper, a Web-Scraper that collects job listing data   **Jun. 2020**
Developer
- Utilized Python libraries such as Beautiful Soup & Selenium to parse HTML content from job vacancy websites
- Automated the vacancy search process to collect real-time data on the labor market
- Collected occupational data and automatically stored it into an Excel spreadsheet for future modeling

AWARDS/ACTIVITIES

Dean's List of College of Computing and Informatics   *Dec. 2018 – Present*
A.J. Drexel Scholarship, Merit-based scholarship   *Sep. 2018 - Present*
Drexel Algorithms and Data Structures, Member   *Sep. 2019 - Present*
Google Developer Student Club, Member   *Dec. 2019 - Present*