**JASHANPREET SINGH**

A picture containing pan

Description automatically generated (484) 644–1757 A close up of a logo

Description automatically generated [jashanpreet.singh@drexel.edu](mailto:jashanpreet.singh@drexel.edu)  A picture containing night

Description automatically generated [/js4683](http://www.linkedin.com/in/js4683) A picture containing drawing

Description automatically generated [/js4683](https://github.com/js4683) **A close up of a logo

Description automatically generated** [js4683.github.io](https://js4683.github.io/) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**EDUCATION**

**Drexel University - College of Computing and Informatics***,* Philadelphia, PA **Expected Graduation: May2022**

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*