Brenden Sosnader

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Education

The Pennsylvania State University, Schreyer Honors College   UNIVERSITY PARK, PA
Bachelor of Science in Computer Science & Statistics   *Expected – May 2020*
GPA: 3.96
Significant Coursework: Data Structures and Algorithms, Systems Programming, Mathematical Statistics, Probability Theory, Discrete Mathematics, Object Oriented Programming with Web-Based Applications
Minor: Music Technology

Experience

HighPoint Solutions   EAST NORRITON, PA
Intern   *May '17 – Jul '17*
- Scaffolded full stack application for contextually parsing and indexing 1000s of RFP document fragments
- Created Java application for contextual text extraction from Word and Excel documents
- Built Java RESTful service using Maven for ingesting documents and returning indexable fragments
- Installed and configured Elasticsearch instance for indexing fragments for fast searching
- Developed web frontend in Angular to communicate with both services and display results
- Used Git for version control to facilitate collaboration with other intern working on project
- Increased productivity for project managers needing to utilize information from RFP documents

Intern   *Jun '16 – Aug '16*
- Created software using Java skills for accessing SQL databases
- Used Windows Server skills to update logs and runbooks

Activities

FORM Consulting   STATE COLLEGE, PA
Co-founder, Webmaster   *May '17 – Present*
- Free mentoring service to provide assistance to students applying to college
- Helped found organization and built/maintain website
- Also full time consultant

Camp Kesem, Central PA   STATE COLLEGE, PA
Camp Counselor   *Jan '17 – Present*
- Kesem supports children through and beyond their parent's cancer
- Raise money during the school year and volunteer at camp during the summer

PSU Fitness Graph Project   STATE COLLEGE, PA
Creator   *April 2017*
- Built a web app that scrapes data and displays a 12 hour graph of the attendance levels of the Penn State gyms
- Link: https://fitnessdb.tk

Boy Scouts of America   TROOPER, PA
Eagle Scout   *Mar '09 – Mar '16*
- Eagle Scout Project was a used electronics drive to safely recycle old devices
- Involved organizing outreach to raise awareness/logistics the weekend of the project

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Skills

Technical: Have worked in Java, Python, and C. Comfortable with web development, using HTML/CSS, SASS, JavaScript, TypeScript/Angular, and RESTful services. Some experience with Octave/MATLAB related to machine learning. Some experience with SQL and Maven. Experienced with Git.

Certifications: Windows Security Fundamentals, Windows Server Administration Fundamentals