Sofia B. Good

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EDUCATION

University of Pennsylvania, School of Engineering & Applied Science – Philadelphia, PA   **May 20XX**
Bachelor of Science in Engineering in Computer Science   Minor: Math   Cumulative GPA: 3.35/4.00

TECHNICAL SKILLS

Java, Python, MySQL, Git, Unix, C, C++, JavaScript, Swift – iOS, Ruby on Rails, OCaml, Node.js, HTML, CSS, LaTeX, MongoDB

RELEVANT COURSEWORK

Computer Science: Algorithms and Data Structures, Theory of Computation, Software Engineering and Design, Programming Languages & Techniques, Architecture, Discrete Mathematics, Operating Systems, Artificial Intelligence.
Math: Multivariable Calculus, Vector Calculus, Differential Equations, Linear Algebra, Statistics and Probability.
Business: Microeconomics I & II, Macroeconomics I, Strategic Brand Management.

EMPLOYMENT EXPERIENCE

GOOGLE | Software Engineering Intern | Mountain View, CA   **June 2018 – August 2018**
• Launched Google+ Stories and contributed to story generation algorithm.
• Developed spam comment detection program using Google Prediction API.
• Conducted user experience testing in collaboration with 4-member design team.

Next Tech | Product/Tech Intern | San Francisco, CA   **May 2017 – August 2017**
• Developed metrics dashboards for AdWords and Outbrain marketing campaigns and website blog using Linux/Python/SQL.
• Created test cases for financial models and interactive calculators.
• Wrote requirements and oversaw creation of new site content from start to finish in agile software development cycles.

West Chester Health System | Software Developer Intern | West Chester, PA   **June 2016 – August 2016**
• Designed Android mobile application game for stroke patient rehabilitation at Rehabilitation Robotics Lab.
• Formalized application requirements after client interviews, machine testing and stroke rehabilitation research.
• Developed application in 2 week sprints while incorporating client feedback with in-person tests.

PROJECTS

Productivity Tool | Software Engineering and Design class project| Philadelphia, PA   **January 2017 – May 2017**
• Collaborated in team of 3 to design tool in OCaml and C++ to facilitate efficient calendar management for multiple users.

PennApps | Education Tech Web Application | Philadelphia, PA   **September 2016**
• Developed app connecting grad school volunteers and local grade school students to create after school programs.
• Utilized Node.js, MongoDB, IBM BlueMix and HTML/CSS in full Stack development.
• Built login and signup pages including user authentication and routing.

LEADERSHIP & VOLUNTEER EXPERIENCE

Intro CS Tutor | Volunteer | Philadelphia, PA   **May 2016 – August 2016**
• Tutored computer science 1:1 for intro students covering basic concepts including recursion and data structures.

Private Piano Tutor | Nashville, TN   **January 2014 – August 2015**
• Planned lessons and taught piano performance and music theory to 10 students ages 5 through 13.

HONORS & ACTIVITIES

Tau Beta Pi Engineering Honor Society   **September 2018 - Present**
• Serve as Corresponding Secretary and Webmaster for Penn's chapter of Tau Beta Pi.

Engineering Orientation Peer Advisors   **August 2017 - Present**
• Answer questions and provide support for group of 25 incoming Computer Science freshmen.

ABC Fraternity   **January 2017 - Present**
• Elected Social Chair for fall 2015 semester. Organized 15 brotherhood and community events.