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| 324 William St.  Scotch Plains, NJ 07076  908-312-0745 | **Daniel Zheng** | | | www.danielzheng.me  /in/danielzheng256  github.com/dzheng256  [daniel.zheng@pitt.edu](mailto:daniel.zheng@pitt.edu) |
| **Education** |  | | |  |
| **Pittsburgh, PA** | **University of Pittsburgh** | | | **May 2020 (Expected)** |
| * Bachelor of Science in Computer Engineering, minors in Mathematics and Economics. Cumulative GPA: 4.0   **Relevant Coursework**   * *Ongoing*: Data Structures, Computer Organization and Assembly Language, Linear Systems and Circuits, Digital Logic, Linguistics, Advanced Engineering Applications for Freshmen, Machine Learning by Andrew Ng (Coursera) * *Completed*: Linear Algebra, Differential Equations, Honors Engineering Analysis, Physics 2, Principles of Scientific Reasoning   **Work Experience** | | | | |
| **Associate** | | **NavTalent** | April 2017-Present | |
| **Pittsburgh, PA**   * Technical recruiting agency founded at Stanford focused on connecting top technical talent to reputable startups. As an associate, I talk to top Pitt students and help them find excellent full-time jobs at tech startups through the NavTalent network. | | | | |
| **Undergraduate Research Assistant** | | **University of Pittsburgh** | January 2017-Present | |
| **Pittsburgh, PA**   * Member of Dr. Tae Min Hong’s particle physics research group. Working on software for the ATLAS detector at the Large Hadron Collider run by CERN. *C++/Python/ROOT* | | | | |
| **Director’s Assistant** | | **NJ Workshop for the Arts** | Summer 2014 and 2015 | |
| **Westfield, NJ**   * Took inventories of, cleaned, and tuned instruments and performed various clerical tasks (filing, photocopying). | | | | |
| **Activities** | | | | |
| **Selected Projects**   * **askPitt**-Slack and Facebook Messenger bot that serves as a virtual assistant for Pitt Students. Answers common Pitt questions and provides convenient information about laundry, shuttles, nearest printers, and more. *API.ai, PittAPI, Python* * **bankAR-**Created an Android application built for use with Google Cardboard. Allows the user to scan a VuMark and securely login through AR to view their personal finance information. Made at DragonHacks 2017. *Plaid API, Unity, Vuforia, C#, HTML/CSS, JavaScript* * **SteelBeats**-Amazon Alexa skill that generates and raps rap lyrics from a Twitter feed. Scrapes the target user’s Twitter account, constructs a Markov model, and combines that with a “Dope Learning”-derived model to create rhyming raps that have rhythm and reflect the interests found in the tweets. Made at TartanHacks 2017. *Python, Selenium, Node.js, AWS Lambda* * **Diagnose Me**-Amazon Alexa skill that can send an emergency text message, give dosage information for O.T.C. medication, and perform preliminary medical diagnosis given symptoms. Made at Pitt Challenge 2017. *Node.js, AWS Lambda*   **Open Source**   * **PittAPI-**Contributed to development of an API for Pitt. Created people and textbook APIs and documentation. *Python* * **askPitt-**Described above. Will be an open source CS club project for the 2017-18 school year.   **Organizations**   * **Computer Science Club**-Business Manager. Duties include managing club resources, communicating with sponsors, and general club leadership. * **Robotics and Automation Society**-Worked on sumo robot. | | | | |
| **Awards** | | | | |
| * **Pitt Mobile App Challenge 1st Place** (2017):First prize in Code-It division of the university-wide app challenge. Project: *askPitt* * **DragonHacks 2017-Best Financial Hack** (2017):Won SEI’s financial hack prize with a team of 2. Project: *bankAR.* * **Swanson School of Engineering Summer Research Fellowship** (2017): Received funding from the Swanson School to conduct research abroad at CERN during Summer 2017. * **Pitt Challenge 1st Place** (2017): Won Pitt’s healthcare hackathon with a team of 4. Project: *Diagnose Me.* * **Merck James J. Kerrigan Scholar** (2016)**:** One of 10/40 recipients nationwide to receive four-year scholarship. * **National AP Scholar** (2016): Averaged score of 4 or higher on at least 8 AP Exams. Scored 5/5 on all AP Exams. * **Presidential Scholar Candidate** (2016): U.S. Presidential Scholars Program, U.S. Department of Education. * **Pitt Full-Tuition Scholarship** (2016): Scholarship covering four years of tuition at the University of Pittsburgh. | | | | |
| **Languages and Technologies** | | | | |
| Java|C++|Python|MATLAB|Office|Windows|Linux  HTML|CSS|Javascript|Git|Visual Studio|Android Studio|ROOT | | | | |