

Kaitlyn Shields

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Objective

Seeking an entry level opportunity in the field of computer or software engineering.

Education

University of Pittsburgh, Swanson School of Engineering
Major: Computer Engineering – 92 credits completed
3.231/4.0 – Cumulative Grade Point Average

Skills

Proficient in Microsoft Office, HTML, JavaScript, jQuery, MATLAB, C, C#, C++, Java
Excellent public speaking, written, organizational, communication and leadership skills

Research and Related Experience

Cooperative Education Experience – Compunetix Inc.

- 1st Rotation: Created a new application for iOS that integrated the existing conferencing services into a user friendly, easy to use app
- 2nd and Current Rotation: Actively working on integrating an existing API with a third party application which will allow for automated conferencing services

Freshman Engineering Conference

- “Talking to Technology: How Digital Signal Processing Advancements Allow for Improved Human-To-Computer Interactions in Automobile Voice Control Systems”
- Researched how digital signal processors are improving upon potentially lifesaving technology
- Presented findings at 2014 Freshman Engineering Conference

Completed Relevant Coursework

- Electric Power Distribution Engineering and Smart Grids, Digital Logic, Electrical Circuits, Linear Circuits and Systems 2, Digital Systems Laboratory, Intermediate Programming using Java, Data Structures, Algorithm Implementation, Intro to Operating Systems, Computer Organization and Assembly Language, Intro to Systems Software, Discrete Math in CompSci, Intro to Engineering Computing, Composing Digital Media, Discussion

Leadership

Delta Phi Epsilon International Sorority (2013-present)

- President (2016-present)
 - Manage chapter membership, activities, and weekly meetings
 - Communicate with advisors and alumnae regularly
 - Assume all chapter responsibilities relating to risk management and liability
- Vice President of Academic Affairs (2015-2016)
 - Strategize how to improve overall academic performance of chapter through study hours, academic presentations, and my newly implemented *Academic Success Program*
 - Plan large events for chapter such as our annual formal

Career Development Society of Young Professionals (2016-present)

- Founding member

Order of Omega (2016 – present)

- Greek Leadership Honors Society

Community Service

Pitt Make a Difference Day (2013, 2014, 2015)

- School wide event to improve the city of Pittsburgh and surrounding areas

Children’s Miracle Network

- Fundraised for and danced for entirety Pitt Dance Marathon (2014, 2015, 2016)
- Led several canning trips, fundraisers, and visitations to Children’s Hospital of Pittsburgh

Cystic Fibrosis Foundation

- Hosted a charity event to spread awareness and raise money for CFF
- Regularly help at and attend fundraisers