Naran Babha

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OBJECTIVE

Obtain an internship/co-op where I can develop myself as a professional software engineer and utilize my technical research skills, academics, and engineering industry experience to solve interesting and challenging problems.

EDUCATION

University of Pittsburgh | Swanson School of Engineering	Expected Graduation Date: April 2018
Overall GPA: 3.92/4.0	Helen Faison Full Tuition Scholarship
Major: Computer Engineering	Minors: Physics, Math

Tools and Programming Languages

Proficient: Java, Microsoft Word, Microsoft Excel, Microsoft PowerPoint, LabVIEW
Basic Knoweldge: C, C++, C#, MATLAB, CUDA, GitHub

Relevant Classes

Completed: Game Theory, Digital Logic, Electromagnetics, Intermediate Java, Data Structures, Algorithm Implementation, Real Analysis, Differential Equations, Honors Linear Algebra, Systems Software, Computer Organization, Analysis and Design of Electronic Circuits, Analytic Geometry and Calculus I II and III, Numerical Mathematical Analysis
Current: Software Engineering, Introduction to Computer Architecture, Digital Lab, Signals and Systems Analysis (Pitt) Intro to Machine Learning (Online from Stanford - Coursera), Intro to Parallel Programming (Online - Udacity)

PROFESSIONAL/RESEARCH EXPERIENCE

BNY Mellon Innovation Institute	**June 2017 – August 2017**
(Will start as a Summer Technology Analyst intern)	*Pittsburgh, PA*

General Electric Energy Connections	**August 2016 – December 2016**
Edison Engineering Identification Internship	*Rochester, NY (GE MDS)*

Competitive internship which serves as a gateway to GE's Edison Engineering Program
Worked in Test Engineering Group
Upgraded/Debugged LabVIEW code for manufacturing testing
Wrote documentation for test procedures

DOE-INFN Physics Exchange Program	**June 2015 – August 2015**
Research Assistant	*Roma Tre University, Rome*

Particle physics research program in Rome
Learned to effectively interact both professionally/personally with another culture
Conducted data analysis in C++ and Root on data from Run 2 of the Large Hadron Collider (LHC)

ACTIVITIES AND LEADERSHIP

Allocations Committee | Student Government Board	**April 2016 – August 2016**
Committee Member	*University of Pittsburgh*

Allocate the 2.5 million-dollar Student Activities fund along with 11 other board members
Evaluate and discuss proposals made by student groups

Society of Automotive Engineers AERO	**January 2015 – Present**
Electrical Team Member/ Business Manager	*University of Pittsburgh*

Designing, prototyping and testing RC plane for annual SAE Aero competition
Effective communication with interdisciplinary teams
Manage budget and communications between team and outside organizations

Engineers for a Sustainable world	**January 2015 – April 2015**
Wind Belt Team | Mechanical Team Member	*University of Pittsburgh*

Assisted in the design of wind belt to harnesses wind turbulence & convert to power

Delta Chi Fraternity	**January 2015 – April 2015**
Brotherhood chair	*University of Pittsburgh*

Organized various events designed to promote brotherhood