

## UTTAM KUMARAN

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### Education

Bachelor of Science

Expected May 2018

*Bucknell University, Lewisburg, PA*

Major: Computer Engineering

Minor: Economics

Major GPA: 3.55

Coursework: Data Structures and Algorithms, Fundamentals of Computer Engineering, Circuit Theory

### Experience

Tech Desk Consultant

*Library and IT, Bucknell University*

2014 to Present

- Received valuable customer service experience through assisting students and faculty with technical issues
- Provided technical support for printers, alumni email, personal and faculty laptops, and network storage connectivity. Enabled me to gain wide variety of skills and ability to confidently tackle and solve unknown issues

Intern

*Food Bank of Contra Costa and Solano, Concord, CA*

Summer 2015

- Worked within communications department regarding website design and volunteer management
- Used with Salesforce software to manage volunteer profiles and coordinate volunteer outreach
- Utilized WordPress website tools to create several pages for the food bank's new website. Allowed users to navigate through the site quicker and use new tools to find food resources quicker

Participant

*BizPitch '15, Bucknell University*

Fall 2015

- Participated in business pitch competition on campus designed to promote entrepreneurial ideas
- Developed idea behind consulting firm that enabled streamlined method of creating "Makerspaces" at educational institutions. Learned about aspects of writing business plans as well as creating marketing and finance models

### Awards

Nifty Idea Fund Grant Recipient

*Bucknell University*

2014 to Present

- Applied and received grant money for innovative project
- Project relevant to developing "smart" clothing, allowing users to stay connected through the use of solar panels
- Learned to apply complicated circuit diagramming and engineering principles toward real life applications

Award Winner

*Regional California Science Fair, Alameda County, CA*

2012 to 2014

- Applied principles of magnetic induction to modern internal combustion engine to develop a neodymium based, electromagnetically induced, zero emission powertrain
- Worked with partner to design and present projects effectively in front of audience
- Received regional 2nd place, commendations from Chevron, the Navy, as well as local manufacturing facilities

### Projects

Android Programming Personal Project

Summer 2015

- Learned to use Android Studio to design and develop various applications for android smartphones
- Used Java to write code to pull and parse JSON formatted data, collect user data using Parse.com, and implement Google Location API among other functions
- Utilized GitHub to manage version control: [github.com/uttam17](https://github.com/uttam17)

### Campus Activities

- Trombone Player, Bucknell Symphonic Band. Provides creative outlet and mental stimulation apart from studies
- Member, Institute of Electrical and Electronic Engineers (IEEE)

### Skills & Abilities

Software:

- MATLAB, Multisim, Android Studio, Git

Programming Languages:

Java (2 years), Python (3 years), HTML, CSS