

UTTAM KUMARAN

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Uttamkumaran.com

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, Intro to CS, 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
- Assisted in discovering educational software available to students through school sponsored partnerships
- Responded to all on-site questions related to hardware or software issues with an appropriate answer or referral to another source

Developer

takeafive.com

2015 to Present

- Co-developed productivity tool written in HTML and JavaScript
 - Managed growth to 1000+ daily visitors by using Google Analytics and marketing through social media
 - Implemented features related to design and ease of use such as a chrome extension, popular quick links and feedback forms
 - Contacted users to understand possible improvements to the site
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Awards

Nifty Idea Fund Grant Recipient

Bucknell University

2014 to Present

- Selected to receive grant money for innovative project
- Project relevant to developing "smart" clothing, allowing users to stay connected through the use of solar panels
- Applied 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
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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
 - Debugged code through in-built tools to track down and correct errors
 - Utilized GitHub to manage version control: github.com/uttam17
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Campus Activities

- Trombone Player, Bucknell Symphonic Band. Provides creative outlet and mental stimulation apart from studies
 - Institute of Electrical and Electronic Engineers (IEEE), Association for Computing Machinery (ACM)
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Skills & Abilities

Technologies:

- Git, Android Studio, GitHub: github.com/uttam17, Multisim

Programming Languages:

Python, Java, JavaScript, HTML, CSS