Uttam Kumaran

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Education

Bucknell University, Lewisburg, PA   *Expected May 2018*
Bachelor of Science in Computer Engineering
GPA: 3.0
Coursework: Data Structures and Algorithms, Computer Organization, Operating Systems, Fundamentals of Computer Engineering, Human Computer Interaction, Computer Architecture

Experience

Creator, Developer
takeafive.com, Lewisburg, PA   2015 to Present
- Co-developed productivity tool featured on Reddit front page, Business Insider, Lifehacker and CNET
- Developed features such as Chrome extension, trending videos/articles using content APIs, custom site addition using JavaScript, jQuery, HTML, CSS and development tools such as Grunt and Node.js
- Managed sustained growth using analytics tools and marketing to a total of 700,000 pageviews and user growth of 300% in 6 months

Interdisciplinary Design Consultant, Lead Computer Engineer
Keurig Green Mountain, Inc., Lewisburg, PA   August 2017 to Present
- Partnered with Keurig Green Mountain, Inc., Corning Inc., Medtronic LTD, and Proctor & Gamble Co. in capstone engineering course utilizing SCRUM teamwork methodology
- Worked with Keurig Green Mountain, Inc. on brewer development project in a computer engineering role to prototype an electro-mechanical flavor-dosing system with planned integration into the Keurig brewer line

Student Portfolio Manager, Lead Info Tech Sector Analyst
Bucknell University Student Managed Investment Fund (SMIF)   August 2017 to Present
- Managed $1 million endowment portfolio with select group of students
- Created weekly portfolio analytics presentations to explain performance of fund vs. benchmark
- Acted as lead analyst covering the Information Technology sector and made recommendations for purchasing equities within the sector and adjusting fund weight within sector

Software Applications Engineering Intern
ServiceNow, Santa Clara, CA   May to July 2017
- Developed applications on software platform within Customer Service Management team
- Created load and concurrency tests using Apache JMeter, SQL procedures, and bash scripts to determine platform performance benchmarks
- Used JavaScript to update existing features and work on upcoming platform releases within agile team

Co-Founder/Managing Partner
Maker EDU, Lewisburg, PA   July 2016 - May 2017
- Pursued entrepreneurship venture by starting the first Makerspace consulting company in PA
- Acquired major client and worked to finalize space with visibility to their 37,000 students
- Contacted and managed vendor partners to establish relationships and acquire products

Leadership/Activities

Treasurer
Institute of Electrical and Electronics Engineers (IEEE)   February 2016 – February 2017
- Managed budget of professional chapter including appropriating funds and projecting expenses

Trombone Player
Bucknell Symphonic Band   October 2014 – December 2016
- Played Trombone in Bucknell Symphonic Band performing multiple times each semester

Skills & Abilities

Technologies: Git, Linux, Node.js, WordPress, JMeter, Grunt, Android Studio, GitHub: github.com/uttam17
Programming Languages: Python, Java, JavaScript, HTML, CSS, jQuery, C, SQL