Christopher M. Sharkey

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Local Address: 306 Beaver Hall, State College, PA 16802   **Permanent Address**: 1 Knoll Lane, Glen Head, NY, 11545

Education   **The Pennsylvania State University**, State College, PA   August 2013 – May 2017 (Expected)
Bachelor of Science in Toxicology, GPA: 3.58 | Concentrations: Information Science Technology

Experience   **Information Technology Intern**   August 2015 – Present
Humana, Enterprise Architecture | Louisville, KY
• Explored potential of data virtualization in data transformation process
• Researched implementation of natural language processing in Hadoop based systems
• Researched application of machine learning in natural language processing

Lead Developer   May 2016 – Present
ParkingBee, Technology Team | State College, PA
• Built and deployed a MEAN stack web application on Amazon Web Services
• Company enables Airbnb like subletting of parking spaces
• Lead product development for IOS, Android and Web applications
• Website: www.parkingbee.co

Strategy Consulting Intern   May 2016 – August 2016
Booz Allen Hamilton, Strategic Innovation Group | Washington, DC
• Prototyped hardware platform to detect concentration of lead in water
• Developed a web application to interface with hardware via RESTful API
• Wrote technology related aspects of business plan

Information Technology Intern   May 2015 – August 2015
Humana, Enterprise Data and Analytics, Clinical Data | Louisville KY
• Built and deployed a .NET web application
• Application enabled a business unit within Humana to collect and process data more effectively
• Sourced design requirements and planned project prior to development

Teaching Assistant   Fall 2014 & Spring 2015
Penn State, College of Information Science and Technology, University Park, State College, PA
• Assisted in the instruction of IST 402 Sensor and Effector Systems
• Prior to assisting instruction helped redevelop curriculum for the course

Leadership   **Director & Founder**, *Nittany Data Labs*   Sept. 2014 – Present
• Lead several data visualization and dashboard projects for Penn State clients
• Developed a 10 week data science training program for students
• Original founder of the organization

Deputy of Guidance Navigation and Control, *Lunar Lion Team*   May 2014 – September 2015
• Lead systems integration on initial test craft
• Directly worked on hardware integration of new components

Technology Captain, *Penn State IFC/Panhellenic Dance Marathon*   April 2014 – March 2015
• Developed a LAMP stack web application
• Application managed Bryce Jordan Center capacity during THON

Awards   1st Place AEC Hackathon, 1st Place ASA Data Fest, 3rd Place Hack PSU, Eagle Scout

Skills   JavaScript, Python, Node.js, Express.js, MongoDB, MySQL, HTML/CSS, Perl, C/C++, Linux, .NET