Python Developer Intern Python Developer Intern Python Developer Intern Stony Brook, NY To pursue roles that will complement my coursework and work experience, as well as hone my skills for a technologically and fulfilling career. Authorized to work in the US for any employer Work Experience Python Developer Intern Armour Technologies Inc - Swarthmore, PA June 2018 to August 2018 Product Development for a biomedical device to prepare cardiovascular catheters on demand based on a drawing on a GUI. Designed and implemented the tool to decompose a drawing and program servo motors to perform necessary bends to shape a standard catheter, as well as integrate visual feedback through a camera module, using OpenCV. Graduate Teaching Assistant Stony Brook University - Stony Brook, NY March 2018 to May 2018 Teaching Assistant to Dr. Murali Subbarao for 'Software Techniques for Engineers' Covered C++ programming, data structures and algorithms, OOPs concepts Engineer Mercedes Benz Research and Development India - Bengaluru, Karnataka June 2015 to July 2017 Designed and implemented a tool (in Visual Basic) to validate EEPROM that reduced testing time by 75% Automated testing procedures for CAN communication protocol and tested Sensors and Actuators (in Simulink) Represented Bangalore team at on-site workshops at Daimler headquarters in Stuttgart, Germany Education MS Computer Engineering Stony Brook University - Stony Brook, NY December 2018 B.E in Electrical and Electronics Engineering PES Institute of Technology - Bengaluru, Karnataka May 2015 Skills VISUAL BASIC (2 years), ANDROID (Less than 1 year), CSS (Less than 1 year), FRAMEWORKS (Less than 1 year), HTML (Less than 1 year), Javascript, Python Links http://www.linkedin.com/in/SramanaDan https://github.com/sramanadan Additional Information SKILLS: Languages: Python, C, C++, Visual Basic.NET, MATLAB, HTML, CSS Tools: PostgreSQL, Simulink, Android Studio, Vector CANape, CANoe, PTC Integrity Frameworks: TensorFlow, OpenCV

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