Nicholas Jones

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EDUCATION

University of Notre Dame, Notre Dame, Indiana   **Expected Graduation:** May 2017
Bachelor of Science - Computer Science   **Dean's List:** Fall 2013 & 2015, Spring 2015
Cumulative GPA: 3.79/4.00   **Major GPA:** 3.90/4.00

EXPERIENCE

Department of Computer Science and Engineering – Notre Dame, IN   January 2016 – Present
Undergraduate Teaching Assistant
- Mentors and tutors undergraduates in Basic Unix for Engineers course
- Advises professor regarding course design and assignment content
- Grades students' assignments both manually and through automated scripting

Growing The Faith – Notre Dame, IN   September 2015 – Present
Software Developer Intern
- Writes and tests software to implement OneParish application's parish-side interface
- Builds interface environment to connect web and mobile versions of application
- Designs and plans software features in collaborative group discussion sessions
- Documents and monitors code throughout all stages of development process

GE Transportation – Erie, PA   May 2015 – July 2015
Information Technology Leadership Program Intern
- Worked to facilitate transition from legacy enterprise software to Oracle Business Intelligence platform
- Simplified multiple internal web applications through reworking their associated business processes
- Designed and implemented an industrial optical character recognition technology in a shop floor setting
- Chaired an intern professional development committee; planned and organized the group's events

Engineering and Science Computing – Notre Dame, IN   May 2015 – Present
Computer Cluster Consultant
- Provides basic technical assistance to engineering and science students in the computer cluster
- Performs and supervises basic system maintenance on a cluster of Linux and Windows machines

Computer Vision Research Lab – Notre Dame, IN   April 2014 – October 2015
Undergraduate Research Assistant
- Conducted biometric research in skin detection, data analysis, and color space manipulation
- Investigated and catalogued a confidential, government-sponsored face image analysis topic
- Assembled and subsequently analyze specialized data sets through complex statistical modeling

SKILLS & ADDITIONAL INFORMATION

- *Languages:* C++, C, Python, SQL, JavaScript, HTML, Swift, Spanish (Intermediate Proficiency)
- *Computer Skills:* Linux, MATLAB, Excel, Photoshop, Illustrator
- *Personal Interests*: Pittsburgh Sports, Playing Music, Reading Nonfiction, Debate, Soccer, Swimming