LUKE W. DUANE

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EDUCATION

University of Notre Dame, College of Engineering, Notre Dame, IN
Bachelor of Science in Computer of Science
Expected Graduation Date: May 2018

- GPA: 3.53 / 4.00
- Dean's List Spring 2016
- *Completed Coursework*: Fundamentals of Computing I & II, Discrete Mathematics, Probability, Basic Unix for Engineers, Mathematical Statistics
- *Current Coursework:* Theory of Computing, Data Structures, Computer Architecture, Integrated Engineering and Business
- *Coursework to be completed by Summer 2017:* Programming Paradigms, Operating Systems

WORK EXPERIENCE

City of South Bend Office of Innovation, South Bend, IN   May 2016—Present
Business Analyst Intern

- Conducted a needs assessment for implementing an intranet for city employees
- Learned and utilized SharePoint to digitize and automate processes across multiple departments
- Designed and developed two Arduino projects for green infrastructure in a team of three

Coppell Parks and Recreation, Coppell, TX   May 2015—Aug. 2015
Camp Counselor

- Directed 130 children daily with 15 other team members

Footlocker, Grapevine, TX & Frisco, TX   Mar. 2012—Aug. 2014
Sales Associate

- Top Sales Associate in 2012 and 2013; *Total Sales per Hour*
- Assisted customers in shoe selection and purchase
- Promoted to a higher volume and traffic store
- Maintained a professional and successful retail storefront

PROJECTS

Pretium, February 2016

- iOS application developed at HackIllinois that recognizes text from receipts and utilizes Capital One's Nessie API to request payment

Machine Learning, Spring 2016

- Worked on a team of 4 to produce 4 different machine learning algorithms in C++ and then compare them in terms of time and accuracy

LEADERSHIP & AWARDS

- *Hall Commissioner*, Morrissey Hall
- *Two Ten Footwear Foundation Scholar*

SKILLS & ABILITIES

- *Coding:* C, C++, Swift, Python, Excel, MATLAB
- *Computer*: OS X, Linux and Windows
- *Business*: Customer Relations, One-on-One Sales, Management, Oral and Written Communication Skills