

GEORGE WILSON

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EDUCATION

UNIVERSITY OF VIRGINIA, SCHOOL OF ENGINEERING, CHARLOTTESVILLE, VA

EXPECTED MAY 2019

- **Degree:** B.S. Systems & Information Engineering (Software Concentration)
- **Minor:** Global Sustainability
- **GPA:** 3.74/4.00 **Major GPA:** 4.00/4.00
- **Relevant coursework:** Software Development Methods, Deterministic Decision Models, Linear Algebra, Data & Information Engineering, Mathematical Statistics, Human Machine Interface
- **Semester Abroad:** Valencia, Spain (Fall 2016)

WORK EXPERIENCE

DATA ANALYST INTERN, LOCUS HEALTH

JUL 2017 - PRESENT

- Delivered a custom report building tool to evaluate surgeon performance and eliminate 15 hours of labor for each report generation
- Created a dynamic dashboard label that displays the user's query to enhance user navigation
- Anonymized data and created standard visualizations for use in sales demonstrations
- Improved efficiency and readability of Python code that cleans and expands SQL tables

DATA SCIENCE CO-INSTRUCTOR, HACK CVILLE

AUG 2017 - PRESENT

- Developed new learning materials and re-imagined course outline for a 12-week data science program
- Taught 15 students data preprocessing, data visualization, text analysis, and machine learning with Python

WEB DEVELOPMENT INTERN, WILSON DAILY PREP

JUL 2015 - SEP 2015

- Cleaned and entered over 30 ACT practice exams into a new, improved site currently in use
- Enhanced the readability of the questions and communicated with third party developers

LEADERSHIP & INVOLVEMENT

VP EVENTS, NET IMPACT

MAY 2017 - PRESENT

- Plan, develop, and execute events to promote social entrepreneurship and sustainability

HOUSE MANAGER & FRATERNITY AMBASSADOR, PI KAPPA PHI FRATERNITY

JAN 2016 - PRESENT

- Manage the day-to-day operations and management of a house for 15 residents and 50+ brothers
- Introduced a recycling initiative that donates proceeds to a local food bank, accounting for over 20% of the program's recycled amount in the first semester of introduction

TUTOR, MADISON HOUSE & ABROAD IN VALENCIA

SEP 2016 - PRESENT

- Mentor Spanish-speaking students of various ages and improve their math, reading and writing skills

DATA SCIENCE FELLOW, HACK CVILLE

MAY 2017 - JUL 2017

- Designed a Twitter bot that tweets travel recommendations from calls to the Yelp API
- Ranked in the top 17% for a Kaggle competition using extreme gradient boosting

PROJECTS

Civic Innovation Day: Elected to assist the program director of Thomas Jefferson Regional Planning District to better track ride share users, and started redesign of sign-up page to increase retention rate

Data & Information Engineering Final Project: Collaborated in a group of three people to analyze the relationship between weather and crime data in Chicago, and provided recommendations on the optimal way to allocate the Chicago police force as supported by Tableau visualizations

Sustainability Literacy: Designed and implemented a survey to 1200 students to assess knowledge on sustainability concepts and initiatives at the University of Virginia

SKILLS & INTERESTS

Technical: R, Python, SQL, Domo, Tableau, Java, Amazon Web Services, Adobe Illustrator/Photoshop, Microsoft Office, Bash Scripting, GitHub, MATLAB, and Basic HTML/CSS

Languages: English - Native, Spanish - Proficient

Interests: Data visualizations, hiking, skiing, cards, education, sustainability, and baseball