

Thomas Krill

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EDUCATION

University of Notre Dame, Notre Dame, IN August 2015 – May 2019
Bachelor of Science in Computer Science GPA: 3.494 / 4.000
Minors: Philosophy, Corporate Practice Dean's List: Spring 2017
Relevant Coursework: Database Concepts, Operating System Principles, Systems
Programming, Data Structures, Logic Design

University of Notre Dame, Rome, Italy May 2016 – June 2016
Study Abroad Program

EXPERIENCE

All Star Code, Pittsburgh, PA June 2017 – August 2017
Teaching Assistant

- Assisted in teaching a computer science program for young men of color in high school
- Monitored students' progress in and proficiency with hard and soft computer science skills
- Counseled students on professional and personal matters and concerns as requested
- Presented classroom to visiting speakers and guests; helped handle field trip logistics

Social Sensing Lab, Notre Dame, IN August 2017 – Present
Undergraduate Researcher

- Extract higher-level context of real world events by fusing sensor- and human-generated data
- Develop tool to aggregate physical and social data, and then synchronize collected datasets

Salem United Methodist Church, Wexford, PA October 2014 – June 2015
Eagle Scout

- Planned and executed the construction of an outdoor amphitheater used by church, preschool
- Generated funds from parishioners and acquired materials, equipment from local contractors
- Supervised and instructed fellow Scouts in configuration of seating, stage area, and ramp

PROJECTS

Emotionalyze April 2017 – May 2017

- Created a platform that measures and displays the nation's emotional response to a given topic
- Interacted with Twitter and IBM Watson Tone Analyzer APIs to collect and analyze data

Frogger December 2016

- Emulated classic video game, using object-oriented programming and graphics library

ACTIVITIES

- Junior Class Council, *Apparel Cmte. Chair*
- Design for America, *Member*
- ND Votes, *Dorm Liaison*
- Keough Hall Council, *Commissioner*
- Comp. Sci. and Engr. Club, *Member*

SKILLS

Proficient:

- C/C++
- Python

Intermediate:

- JavaScript
- HTML/CSS

Familiar:

- SQL
- MATLAB