

# Scott L. Stoudt

## CONTACT

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## EDUCATION

### THE COLLEGE OF WOOSTER BA IN COMPUTER SCIENCE

Expected May 2019 | Wooster, OH

- Minor in Classical Studies - Concentration in Ancient Mediterranean Studies
- GPA: 3.42/4.0
- Dean's List (3.65): Fall '15, '18

## RELEVANT COURSES

### THE COLLEGE OF WOOSTER

- Imperative Problem Solving (C)
- Data Structures and Algorithms (C++)
- Algorithm Analysis (C++)
- Operating Systems
- Theory of Computation
- Software Engineering-Mobile Computing
- Computer Networking
- User Interface Design
- Calculus with Algebra
- Linear Algebra
- Transition to Advanced Mathematics
- Intro to Digital Humanities

### HIGH SCHOOL

- Intro to Computer Science (Visual Basic)
- AP Computer Science (Java)
- AP Statistics

## SKILLS

- Version Control: Git/GitHub
- Microsoft Office
- Academic Writing
- Working as a team member, leader as well as independently
- Familiar with Latin to English translation

## PROGRAMMING

### LANGUAGES

- ✓+ | *Python, C, C++*
- ✓ | *LaTeX, HTML, Maple*
- ✓- | *Java, Javascript, CSS*

## EXPERIENCE

### WOOSTER AMRE PROGRAM | TEAM LEADER/SENIOR CODER

Summer '18

- Tasked with reworking the college's summer fellowship application system. My work included researching existing products and proposing/on-boarding the new, client chosen system. Additional side apps were designed to interact with the new system's API to make data collection easier for college staff.
- As team leader, I reinforced deadlines set by the clients, divided up tasks, and relayed technical information to the clients who were unfamiliar with programming aspects of the project.

### PRESENTATION ON CEVA'S THEOREM | TRANSLATOR

Fall '17

- Translated sections of Latin from Giovanni Ceva's *De lineis rectis se invicem secantibus statica constructio* for use in Dr. Gary Stoudt's talk, *Ceva's Theorem: It's Origin and History*.

## INDEPENDENT RESEARCH

### SENIOR INDEPENDENT STUDY | COLLEGE OF WOOSTER

Fall '18 - Ongoing

- Ongoing work on creating a Python program designed to write a coherent, unique myth based on existing Greco-Roman myth data. Research includes ML techniques, classical myth structure, and the viability of ML in creative disciplines.

### JUNIOR INDEPENDENT STUDY | COLLEGE OF WOOSTER

Spring '18

- Research paper on graph centrality algorithms, their use in network analysis, and the developing field of computational sociology.
- Companion software to the paper was written in Python using libraries such as NetworkX and Matplotlib to visualize CSV data, using the different centrality algorithms, inside of a Tkinter GUI. [Paper and Software found on GitHub]

## LEADERSHIP

### TEACHER'S ASSISTANT | COLLEGE OF WOOSTER

Spring '18-Spring '19 | Wooster, OH

Intro to Digital Humanities:

- Helped promote and develop a new course for Digital Humanities. My role focused on the technical aspects of the class where I would create scripts for the professor to use in class, help set up a Raspberry Pi for a poetry bot, and lead various lessons on data collection and text processing/analysis.

Scientific Computing:

- Worked with beginner coders to develop basic Python skills. This included teaching sections inside and out of the classroom to groups of students.

### UNDERGRADUATE CONFERENCE Co-HOST | UNRH '19: WOOSTER

February, 2019 | Wooster, OH

- Proposed, organized, and carried out the 2019 UNRH conference at the College of Wooster. I worked to secure funding by drafting a budget and reserving spaces on campus. I also worked with a team to decide on the conference theme, review applications, and design workshops. More information @ <http://unrh.org/2019-team/>

### JR. INSTRUCTOR; HEAD CAMP LEADER | MCGINNIS ATA MARTIAL ARTS

2012-2015 | Indiana, PA