

MATT FRANCHI

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EDUCATION

CLEMSON UNIVERSITY HONORS COLLEGE

Bachelor of Science, Computer Science

GPA: 3.7

Major GPA: 4.0

CLEMSON, SC

FALL 2019 - PRESENT

TECHNICAL SKILLS

| | Proficient | Familiar |
|-----------------------|--|-----------------------|
| Programming Languages | Python, C++, C, Java, MATLAB | HTML, CSS, JavaScript |
| Development Software | Vim, JetBrains IDEs, Atom (with command-line compilation) | |
| Frameworks | Django, Anaconda (NumPy, Pandas, Matplotlib, Keras) | |
| Operating Systems | Windows 10, macOS 10, Linux (Ubuntu) | |
| Other Skills | SolidWorks 3-D Modeling (<i>CWSA Certified</i>), WordPress, Power Query / BI | |

EXPERIENCE

HIGH SIDE TECHNOLOGY, LLC

Computer Scientist Intern

CHARLESTON, SC

MAY 2020 – PRESENT

- Redesign company website with WordPress
- Implement an Azure server configuration to support company hosting needs

CLEMSON UNIVERSITY

Academic Success Center Tutor

CLEMSON, SC

JANUARY 2020 – PRESENT

- Sole tutor for 4 computer science courses, 11 sections total, in C and C++
- Use peer leadership skills to foster collaboration and learning among tutees
- Write after-session reports, observe other tutors and write performance summaries

INVOLVEMENT

CLEMSON UNIVERSITY

MAY 2020 –

CECAS Student Advisory Board – SoC Representative

- Organize CECAS outreach events
- Meet monthly with SoC director to provide feedback and suggestions to improve campus experience

CUhackit Organizing Team – Tech

APRIL 2020 –

- Develop backend of hackathon website, including registration

CU Student Government – IT Student Advisory Board

FEBRUARY 2020 –

- Deliberate and allocate funding to IT-related projects on campus
- Pilot new CCIT programs, including Project Largo

Future Computing Technologies Lab Creative Inquiry

JANUARY 2020 –

- Implement data science and machine learning concepts using Anaconda framework
- Create a LSTM time-based neural network to forecast future stock prices

Summer Research with Biosystems Engineering Department

JULY 2018

- Used SolidWorks to design a prototype of a passive solar air heater and solar chimney
- Fabricated a physical, scaled model for each heating solution
- Presented findings and solutions in a science-fair style event

HONORS

- Nomination to CECAS Student Advisory Board as one of two SoC representatives in May 2020
- 2019 National Finalist in Paradigm Design Challenge for Passive Solar Air Heater
- Clemson University Fall 2019 President's List, Spring 2020 President's List