

# (Mac) Philip McCarthy Howe

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## Education

### Clemson University Honors College, Bachelor of Science in Computer Science May 2026

- Clemson University Honors College pursuing General Honors
- 3.82 GPA, 1x Presidents list, 2x Dean's list
- Pursuing a minor in Cyber Security with an interest in Vulnerability Assessment
- Computer science classes on introduction to problem solving, programming methods, algorithms and data structures, and computer organizations. Development in C, C++, and Python
- Worked with professor to create the final project in Computer Programming II in C++ 2023

### Forsyth Central High School May 2022

- 4.2 GPA, Class rank 15 out of 642
- National Honor Society and National Technical Honor Society alumni

## Work Experience

### Arc-Two Consulting, Inc. - Software Developer Intern May - Aug 2023

- Software Development of a Customer Relationship Management tool for the utility industry
- Lead my own project pushing front and back end code, managing the software design cycle
- Created Oracle SQL Data Base models enforcing normalization with prioritization on scalability
- Contributed to the deployment of Bitbucket and teaching of git skills to the team
- Technologies: PL/ SQL, Oracle APEX, Git, Bit Bucket, Jira, Microsoft Suite

### LTN Global - Software Developer Intern Jul - Aug 2022

- Authored Confluence documentation and created flow charts for code repositories
- Configuring the company's virtual machine ISO with GRUB to create a custom animated boot and splash screen
- Contributed to daily standup meetings, enhancing communication and problem-solving skills
- Technologies: Python, Linux Virtual Machines, Git, Confluence, Slack, Draw io

## Accomplishments

### Competition DECA 2019 - 2022

- 3x State competitor and 2x International competitor

### FCHS Varsity Swim and Dive Team 2018 - 2022

- Most Improved Swimmer Award and 4x Scholarly Athlete Award

### Eagle Scout, Boy Scouts of America 2015 - 2021

- Completed over 100 hours of community service, including leading my own service project
- Inducted into Boy Scouts Honor Society, Order of the Arrow, achieving second highest rank

### Governor's Honors Program for Computer Engineering 2021

- Selected and competed in semifinals "As a GHP state level nominee, you are in an elite group – less than 1% of all Georgia students make it to this level of the competition" - GHP

### Georgia Certificate of Merit 2021

- Awarded to students in recognition of outstanding scholastic achievement throughout high school by ranking in the top five percent of each high school's junior class.