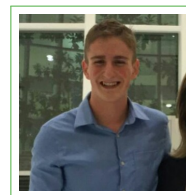


# William Held

Computer Science

NYU Abu Dhabi Saadiyat Island  
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## Education

2011–2015 **High School**, *Albuquerque Academy*, Albuquerque, 4.24.

2015–2019 **Bachelors Degree**, *NYU Abu Dhabi*, Abu Dhabi, 3.925.  
Computer Science Undergraduate

## Experience

### School Groups

September **Board Member**, *HackAD/Computer Science Student Committee*, Abu Dhabi.  
2015–Present Advocated and organized events for Computer Science students

- Restarted a student interest group for innovation, HackAD;
- Obtained funding for a renovation of the Computer Science Student Space;
- Taught an Intro to Bash Scripting course

### Vocational

April–August **Technical Intern**, *Sandia National Laboratories*, Albuquerque.

2016 Worked on Computational Fluid Dynamics

- Worked within a git repository with multiple developers concurrently;
- Created performance scalable multi-threaded code for modern HPC platforms:
  - Wrote code for GPU, CPU, and Intel Knight's Corner
  - Sped up Code base with the use of multi-threading
- Wrote a research paper in  $\text{\LaTeX}$  on my work

May–August **Technical Intern**, *Sandia National Laboratories*, Albuquerque.

2015 Worked with the computational mathematics department

- Worked with a team of experienced software engineers;
- Designed a performance testing framework for multi-threaded software packages:
  - Experience in C++ development;
  - Experience in BASH scripting;
  - Experience in Matlab Graphic creation;
- Wrote a research paper in  $\text{\LaTeX}$  on my work

## Languages

C++ **Advanced**  
Python **Intermediate**  
HTML **Intermediate**

Work Experience  
Coursework  
Personal Work

JavaScript **Intermediate**  
MATLAB **Intermediate**  
L<sup>A</sup>T<sub>E</sub>X **Intermediate**

*Personal Work*  
*Work Experience*  
*Work Experience*