

# Owen Saad

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**OBJECTIVE** To obtain an internship in computer science engineering and gain experience in the day-to-day practices of a high-tech software company.

## EDUCATION

**Villanova University**, Villanova, PA May 2023  
Bachelor of Science in Computer Engineering; GPA: 3.88/4.00  
*Minors: Mechatronics and Entrepreneurship*  
Course Work: C++ Algorithms and Data Structures, MATLAB, Fund Comp Engin(VHDL), Statics

**Pioneer High School**, Ann Arbor, MI June 2019  
GPA: 3.92/4.00 (Accumulated 12 AP credits)  
Course Work: Project Lead the Way - Engineering Curriculum, AP Calculus AB, AP Physics (5),  
AP Chemistry, AP Computer Science (5), Mandarin (I-III)  
Honors: Boys Scouts of America Eagle Scout (2019), National Honor Society (2017-2019),  
American Legion Boys State (2018), Michigan High School Football Association,  
Leadership Seminar (2018), Hugh O'Brian Youth Leadership Ambassador (2017)

## TECHNICAL SKILLS

**Proficient in:** Java (AP CS: 5), Fusion 360 & Inventor (Autodesk), Maple (MapleSoft), Microsoft Office, C++, Matlab

## ENGINEERING EXPERIENCE

### College:

**First-Year Engineering Interdisciplinary Project** Aug 2019 - Oct 2019

- Used the engineering design process to address theft on college campuses; Worked in a team to conceptualize the creation of a safe that uses NFC (near field communication) technology to control the locking mechanism with IDs or mobile phones

**Sustainable System Design Mini-Project** Oct 2019 - Dec 2019

- Worked in a team to explore alternative approaches to sustainable landscaping; addressing the need to minimize carbon and water footprint

## LEADERSHIP/ACTIVITIES

**Alpha Phi Omega** 2020-Present

- Member of coed service fraternity which promotes friendship, leadership, and philanthropy

**Boy Scouts of America (Eagle Scout)** 2012-2019

- Eagle Scout Project: Designed and built a water observation deck that can accommodate up to 30 students for Dicken Elementary School
- Assistant Senior Patrol Leader (2014-2015)
- Volunteered at an assisted living center, community events, & other Eagle Projects

**Athletics:** 2015-2019

- Football; Varsity 2017-2018, JV 2015-2016; Football Varsity Game Captain 2018
- Volunteered with the football team throughout the community, including reading to local elementary students and helping with local 5-10K races
- Lacrosse; Varsity 2018-2019, JV 2016-2017

## WORK EXPERIENCE

**Wide World Sports Center, Ann Arbor, MI** 2016-Present  
*Coach and Summer Camp Counselor*

- Summer Camp Counselor; Summer Camp Junior Counselor
- Flag Football Coach for 8-12-year-old boys