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Alex Petrallo

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Education

Villanova University
Philadelphia, PA
Major in Computer Science / Minor in Mathematics
GPA: 3.21/4.0

Graduates May 2021

Coursework

Algorithms and Data Structures I, II, & III; Discrete Mathematics: Number theory and logic focus;
Calculus I, II, & III; Computer Systems I

Skills

Java, JavaScript, Node.js, React.js, HTML5, CSS, Python (see my projects on Github)

Experience (references available upon request)

Black Diamond

Summer 2018

**Mogul Web Dev
Team (in London)**
Intern

- Gained experience in SQL databases, frameworks, using JS and SCSS and general web dev team practices.
- Tasked with building basic job page description from a uniformed template and was able to integrate it into the framework.
- Shadowed members of the team during creation of alternate language options for their client's website. Also shadowed front-end developers in JS and SCSS.

**Association of
Computing Machinery
[ACM]**
Board Member

August 2017-Present

- I started getting involved in hackathons and other activities heavily freshman year
- Accepted as a board member sophomore year
- Enjoyed a community built around learning about computer science and new tech topics

**Villanova Tutoring
Center**
Tutor

January 2019-Present

- Hold office hours where students drop in to receive tutoring help
- Focus on explaining problems rather than giving answers to help the student learn

**Villanova Skateboarding
Society**
*Co-Founder &
Co-President*

April 2018-Present

- Organize meetings and workshops for the club with the values of community and progression in mind.
- Gained leadership, organizational, and collaborative skills.