

Avik Bosshardt – Curriculum Vitae

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Education

Macalester College | Sept. 2017 – May 2021 (Expected)

Bachelor's Degree: Computer Science Major, Psychology Minor, Cognitive Science Concentration

GPA: 3.93

Relevant Coursework (Grade in Parenthesis): Software Design/Development (A), Algorithm Design/Analysis (A), Linear Algebra (A), Data Science (A), Multivariable Calculus II (A), Discrete Math (A), Object Oriented Programming (A), Theory of Computation (Currently Enrolled)

Awards/Honors: DeWitt Wallace Distinguished Scholarship

Atlantic Community High School | August 2013 – May 2017

International Baccalaureate Diploma Recipient

GPA: 3.85, Class Rank: 10/559

Relevant IB/AP Exams (Score in Parenthesis): HL Mathematics (5), SL Computer Studies (6), AP Calculus AB (5)

Awards/Honors: President's Award for Educational Excellence

Language and Technology Skills

- Object Oriented Programming: Java, Python, TypeScript
- Mobile Development: Ionic Framework
- Web Design/Development: HTML5, CSS
- Math, Statistics, Data Analysis: R, Mathematica, LaTeX

Work Experience

Research Assistant – Macalester iLab | Sept. 2018 – Present

- Work with a team of research assistants to design and run psychological eye-tracking experiments
- Train psychology students in the use of lab equipment
- Adapt quickly to resolve unexpected issues or equipment failures during experiments
- Regularly perform maintenance of lab computers

Volunteer Work

Counselor – Camp Invention | June 2015, 2016

- Supervised and supported children to foster a creative environment
- Collaborated closely with other counselors
- Communicated with parents