

# Benjamin Salzberg

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## Education

University of Maryland College Park, College Park Maryland

Selected for Scholars Program: Science and Global Change

Bachelor of Science in Computer Science

Minor in Mathematics

GPA 3.09

Expected May 2021

High School: Beth Tfiloh Dahan Community Day School

Awards: National Merit Scholar, National Honor Society

GPA 4.6

## Relevant College Courses

- Introduction to Web Development
- Object Oriented design in Java
- Introduction to Computer Systems with C
- Calculus 2
- Linear Algebra
- Discrete Mathematics and Logic
- Introduction to programming Languages
- Algorithms

## Experience

Internship with Harbor Labs

March – April 2017

Baltimore, Maryland

- Assistant developer
- Developed Peer to Peer system for secure transmission between different networks.
- Developed a cryptography peer to peer client using the Stanford JavaScript library utilizing AES and public private key encryption methods.

Volunteering with Johns Hopkins Sickle Cell Infusion Center

July-August 2018

- Completed Human Subjects Research Training (CITI)
- Created a database in Microsoft Access
- Sanitized data inputs

- Populated database, assisted data management, assisted with abstract submission  
(<https://ash.confex.com/ash/2018/webprogram/Paper111435.html>)

#### Skills

Coding and Scripting Skills: Java, C++, C#, C, Python, OCAML, Ruby, JavaScript, HTML, CSS, AVR assembly, LaTeX, Rust, SQL.

Ubuntu/Linux/Unix, Windows.

Programs worked with: Wireshark, Unity, VirtualBox, Arduino Microsoft Access.

Languages: English, Hebrew

#### References

Available upon request