SEAN CHAPMAN

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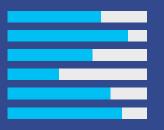🏠 http://seankchapman.com
🐙 https://github.com/SeanKChapman

🎓 EDUCATION

- **University of Maryland, College Park**
  - B.S. Computer Science
  - Class of 2021

- **Palo Alto High School**
  - Class of 2017
  - Rachel Austin Award

- **Relevant Coursework**
  - Object Oriented Programming I & II
  - Intro to Computer Systems
  - Discrete Structures
  - Organization of Programming
    Languages [Current]
  - Algorithms [Current]

⚗ TECHNICAL SKILLS

- C
- Java
- Python
- Assembly
- Git
- GNU/Linux

👤 ACTIVITIES / INTERESTS

PALY Robotics
 - High School Robotics Team
 - Web Team Lead

Hackital 2018
 - Blockchain hackathon hosted at
   George Washington University
 - Winner

</> PROJECTS

Blockchain Trivia
  - Created with friends in an afternoon, Blockchain Trivia
    is a simple trivia game that runs on the Ethereum Platform.
  - Written in Solidity.
  - One of three winning projects at Hackital 2018.

Simulated Student Code Submission Server
  - A class project that reads and executes UNIX commands,
    as well as compiles and tests student code.
  - Written in C; uses C I/O, linked data structures,
    UNIX process control, and dynamic memory management.

Randomized Maze Generator
  - Built a maze generator that uses Randomized Depth-First
    Search to create a unique maze.
  - Written in Java.

Multi-threaded grep
  - Uses concurrency to create a multi-threaded version
    of the popular UNIX command-line tool grep.
  - Written in C as a class project; uses pthreads, C I/O.

Personal Website
  - A website created to host information about myself.
  - Created with HTML/CSS/Javascript.

💼 WORK EXPERIENCE

Wonplanet Inc
  - Worked to implement Braintree's payment UI (2018).
  - Used HTML/CSS/Javascript, as well as some Scala and SQL.

Technology Sales Associate - Stanford Bookstore
  - Assist in sale and repair of computers for University
    staff, faculty, and students (2016-2017).