Jacob Dill | Computer Science
Carnegie Mellon University '22

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Professional Experience

○ Lockheed Martin Sikorsky IT — Stratford, CT
  – Application Support (Summer 2018) - Implemented a Python and Perl interface using the SSH protocol into the team's latest test environment. Worked on a team of other interns to upgrade the technology in the conference room.
  – Team Site Maintenance (Summer 2017) - Developed, maintained, and documented the team site used the storage, accessibility, and distribution of project information. This site continued to be used into my second year at Sikorsky.

Awards

○ Hack this Help Kids Hackathon—Best Use of Domain Award
○ Quinnipiac University School of Engineering Computer Science Programming Competition — 1st Place
○ National AP Scholar
○ Yale Physics Olympics—1st Place out of 50 teams from New England
○ Student of Distinction Award—Awarded to Top 20 Students by Counseling Departments

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Skills

Code: Java, Python, C#, C, HTML, Swift, CSS, JavaScript, SML, VB.NET

Software: Unity, Adobe Package, Microsoft Office, Blender, A-Frame, Eclipse IDE

Operating Systems: macOS, Windows (7, 8.x, 10), Linux, Unix

Experience

○ Build18 Hackathon – Pæthos VR
  - A VR experience that interacts with an EEG band to create a virtual reality experience in response to user brainwaves
○ MIT Blueprint Learnathon/Hackathon – PhysSolver
  - A mobile application that auto-completes common mechanical and electrical physics equations used in secondary educational environments
○ Amity High School Computer Science Club President
  - Competed in Lockheed Martin's Annual CodeQuest international coding competition

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Organizations

○ Carnegie Mellon University Senate — https://cmusenate.org/
○ Game Creation Society — https://www.gamecreation.org/
○ Independent Musicians Organization — https://thebridge.cmu.edu/organization/IMO
○ Fringe — https://thebridge.cmu.edu/organization/fringe

Coursework

○ Parallel and Sequential Data Structures and Algorithms
○ Intro to Computer Systems
○ Writing for the Professions