
Jacob Dill



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Programming Languages

Java, Python, React, Angular,
HTML, CSS, JavaScript, Swift
C#, C, JSON, SML, Perl

Coursework

Machine Learning, Computer
Security, Data Structures,
Systems, Technical Writing

Carnegie Mellon University

Bachelor's in Computer Science | Dec 2021

GPA: 3.2

Work Experience

Technical Business Analyst | Plecosystems Inc.

Summer 2020 & Current

Provided consulting on cloud-based onboarding solutions, operational reporting software, and value propositions for customers. Collaborated in developing an e-commerce gateway for a Fortune 100 pharmaceutical firm.

IT Student Tech | Lockheed Martin Sikorsky

Summer 2017 & 2018

Accelerated intern onboarding with Python-to-Perl API. Developed team SharePoint site, replacing decades-old Unix file system. Upgraded conference room technology to reduce reservation conflicts and improve utilization.

Projects

Pæthos (2020) – Build18 Hackathon

An Oculus app reading live EEG brain data over Bluetooth to dynamically create a virtual reality experience

Meda (2019) – UPMC Hackathon

A progressive web app for patient interoperability between healthcare providers. Won "Best Use of Domain Award"

Phisx (2018) – MIT Hackathon

An iOS app that auto-completes common Mech & EM physics equations taught in secondary education

Organizations

Carnegie Mellon University Senate (2019-20)

Overhauled the Undergraduate Senate Website on the Communications Committee

Game Creation Society (2019-20)

Developed both a stack-based puzzle and planetary resource management game in Unity
