

---

# Jacob Dill

---



[jacobdill@alumni.cmu.edu](mailto:jacobdill@alumni.cmu.edu)



(610) 248-2450



[linkedin.com/in/jacobdillcmu](https://www.linkedin.com/in/jacobdillcmu)

[jacobdill75.github.io/profile](https://github.com/jacobdill75)

---

## Programming Languages

---

Java, Python, HTML, CSS,  
TypeScript, Swift C#, C++, C,  
JSON, Lua, SML, Perl

---

## Coursework

---

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

---

# Carnegie Mellon University

Bachelor's in Computer Science | Dec 2021  
Minor in Mathematical Sciences

---

## Work Experience

---

### Software Developer | Emerson Automation

*January 2022– Present*

Delivered dedicated full stack development for Emerson's DeltaV™ distributed control system, having implemented front & back-end solutions for licensing and version control.

### Front End Developer | KLA Corporation

*Summer 2021– Fall 2021*

Implemented a responsive Web UI to replace a legacy desktop application that enables engineers to monitor and analyze tool health for semiconductor inspection.

### Technical Business Analyst | Plecosystems Inc.

*Summer 2020 – Winter 2021*

Researched and recommended cloud-based employee onboarding, operational reporting, and Middle Eastern payment gateway solutions. Developed front-end components of an e-commerce gateway for a Fortune 100 pharmaceutical company.

### IT Student Tech | Lockheed Martin Sikorsky

*Summer 2017 & 2018*

Accelerated intern onboarding with Python-to-Perl API. Developed team SharePoint site, replacing legacy 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"

---