

BRIAN CULBERSON

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References Upon Request
<https://github.com/InJanus> - **injanus.tech**

Languages

- ❖ Java, C++, Python, WebDev (HTML, JS, CSS), AWS, Angular.js, Angular, React, MSDOS, VB.net, VB6, MATLAB/Octave
- ❖ Microsoft Office, Linux, Windows XP, Vista, 7, 8, 10

Education

- ❖ University of Cincinnati | College of Engineering and Applied Science
 - ❖ Computer Engineering Major - Class of 2022

Work Experience

- ❖ Co-op Developer ITI Global (Wipro) – January 2021 to August 2021
 - ❖ Implement Python scripts for data migration
 - ❖ Assist with new implementation and bug fixing with Java backend and Angular front end (DEXcenter)
- ❖ Co-op Developer Siemens PLM – May 2020 to August 2020
 - ❖ Training on Siemens NX (Modeling, Advanced Modeling, Assemblies, Advanced Assemblies, Routing)
 - ❖ Work on PR reports involved with NX Routing and Fixing tests
- ❖ Co-op Developer Siemens PLM – August 2019 to December 2019
 - ❖ Continuing of 1st Rotation – More involved in the development process for Solution Link
 - ❖ Web Development of new User stories and Bugs related to Mindstart page
- ❖ Co-op Developer Siemens PLM – January 2019 to April 2019
 - ❖ Developing and Debugging local API Search Tool (Elastic Search)- Mindstart
 - ❖ Implementing solution in a web tool using Angular.js - Solution Link

Projects

- ❖ Linux From Scratch - Linux PC
- ❖ Electric rideable - Plans for a 12KW Motorcycle build
- ❖ Arduino and Raspberry PI - LED controller, IOT Devices, Robot Arm
- ❖ Personal Server Rack - GIT Server, Flask API, NAS Server
- ❖ Various computer programs - Games, API Programming, Simulation, Server hosting
- ❖ Website (injanus.tech) - Angular.js and React
- ❖ Academic Research - Flapping Wing Vehicle
- ❖ Custom Audio Installation – With matching Led Controller

Skills

- ❖ 3D Modeling – Prototyping - Siemens NX, Autodesk (Fusion 360, Eagle CAD)
- ❖ Shop Experience - 3D Printing - CNC Manufacturing (Lathe) - Woodworking
- ❖ Soldering - PCB design, Custom PCB Etching
- ❖ Familiar with computer hardware – Building PC's, Fixing Pc's
- ❖ Threading and Parallel Programming – Development and Debugging
- ❖ Microcontrollers
- ❖ Amateur Radio – Mobile, Handheld, and Repeater setup and Programming
- ❖ General Problem Solving Repair

Organizations

- ❖ UCARC (University of Cincinnati Amateur Radio Club) Treasurer
 - ❖ Responsible for allocating university funds
- ❖ Hoosier Leadership Workshop Board Member
 - ❖ Making decisions on new improvements on the annual workshops