

Jess Easter

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PROGRAMMING Python, C, C++, Java, SQL, Visual Basic
SOFTWARE Django, Linux, Git, Excel, SolidWorks, L^AT_EX, HTML, Ansible, Vagrant, G Suite Admin

EDUCATION **Wake Technical Community College** **January 2019 – May 2021**
Raleigh, North Carolina

- Associate of Applied Science degree in Computer Programming and Development
- GPA: 3.9

North Carolina State University **August 2011 – December 2016**
Raleigh, North Carolina

- Completed over 100 credit hours towards a Bachelor of Science degree in Computer Engineering
- Relevant Courses: Engineering Statics, Dynamics, Solids, Computer Systems Programming, Introduction to Signals, Circuits and Systems, Introduction to Embedded Systems

EXPERIENCE *Biomason*, Concrete from bacteria

Data Analyst **March 2021 – Present**

Programmer Intern **November 2020 – March 2021**

- Built live data displays using Django to track and characterize factory performance
- Install sensors, map sensor data into PostgreSQL database, display data to operators in HMI

The Preiss Company, Student Housing

IT Support Technician **March 2016 – November 2020**

- Led system wide Operating System upgrades of over 600 Windows and Mac computers
- Troubleshoot problems with computers, networks, copiers, printers, and other peripherals
- Work closely with users to resolve issues using phone, email, and chat
- Investigate new software and systems to reduce cost and improve IT services
- Manage G Suite Admin to add users, manage devices, and configure security and settings

Aerial Robotics Club, North Carolina State University Student Organization

Payload Team Member **August 2012 – May 2017**

Public Relations **August 2015 – August 2016**

President **August 2014 – August 2015**

- Led a team of students to design, build, and test an autonomous, unmanned aerial system
- Contribute code to payload control, navigation and target characterization systems
- Test mission critical software using virtualization and software/hardware in the loop
- Manage flight payload integration and testing, design new payloads

MH Corbin, Highway Information Systems

Intern **April 2015 – February 2016**

- Developed automation tools using Python to reduce manufacturing and testing time of devices
- Extended functionality of website and updated SQL database
- Soldered, built, and tested portable traffic analysers

Daimler Trucks North America, Cleveland, North Carolina

Liaison Engineering Intern **May – August 2014**

May – August 2013

- Developed automation tools to identify issues on future semi-trucks before assembly to save time
- Developed Excel VBA Macros to automate repetitive tasks
- Created an HTML website to provide a central location for online work tools
- Solved manufacturing and engineering problems on the assembly line