

PATRICK BOLLINGER

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WORK EXPERIENCE

DrChrono

Remote

Feb 2019–Present

DevOps Engineer

Improve continuous integration pipeline to reduce errors in production system using Docker.

Develop Chef scripts to reduce configuration drift in existing infrastructure.

Assist with migration of web server hosting from OpenStack to AWS.

Software Engineer

Add features and refactor the large-scale Django application for medical practices.

Handle sensitive information in accordance to HIPAA standards.

Measure, find, and fix software performance issues in Python and SQL.

Youngstown State University

Youngstown, OH

Part-time Instructor for Electrical/Computer Engineering

Aug 2019–May 2020

Aptiv PLC (split from Delphi Automotive PLC)

Warren, OH

Hybrid and Electric Vehicle (HEV) Systems Engineer

Dec 2017–Feb 2019

Lead engineering efforts as the main interface to one of our clients.

Provide domain knowledge for customers on Vehicle Wireless Charging.

Coordinate ways to improve management of the project by using tools like Jira.

Delphi Automotive PLC

Warren, OH

HEV Systems Engineer

May 2015–Dec 2017

Develop internal tools using Python to model the Vehicle Wireless Charging system.

Interact with global customers to support their requests.

Mentor new engineers and interns who join the department.

HEV Parallel Student Intern

Aug 2014–May 2015

SKILLS

Programming: Python, SQL, JavaScript, and VHDL.

Productivity: Microsoft Office Suite, Git, Jira, Docker.

Operating Systems: macOS, Linux, and Windows.

Engineering: EM FEM (ANSYS Maxwell/HFSS), SPICE, and 3D CAD.

EDUCATION

Youngstown State University

Youngstown, OH

M.Sc. in Electrical Engineering

May 2019

Thesis: *Prime Factorization Through Reversible Logic Gates*