

Pyae Phyo Hein

318 North 9th Street Monmouth IL, 61462 • p4hein@gmail.com
LinkedIn: [linkedin.com/in/pyae-hein](https://www.linkedin.com/in/pyae-hein) • GitHub: <https://github.com/phein> • 309-536-1728

EDUCATION

Monmouth College

May 2020

Bachelor of Arts, Computer Science, Physics

Minor in Mathematics

Selected Coursework: Data structure (C++), Object Oriented Programming (Java), Software Engineering, Machine Learning, Computer Networking, Electricity & Magnetism, Quantum Mechanics, Computational Methods

HONORS and AWARDS

International Distinguished Young Leader Scholarship (2017 -Present)

LANGUAGE SKILLS: English, Burmese, Chinese

PROGRAMMING LANGUAGE SKILLS

Coding: C++, Java, x86 assembly, Python, PostgreSQL, LaTeX, git

Technologies/Environment: Windows, MacOS, Linux, GitHub, Eclipse, Spyder, Jupyter Notebook, Unity

INTERNSHIPS

Machine Tools Intern

Summer 2019

Pegasus Machine Tool, Galesburg, IL

- Introduced to Computer Numerical Control machines (CNC)
- Built measurement 1 inch-2 inch-3 inch block using a vertical CNC
- Controlled quality of finished and raw products

Jupiter Machine Tool, Galesburg, IL

- Made a campus map Augmented Reality application using Unity
- Created paths from building to building
- Designed user interface (UI) for the application

Software Testing Developer Intern

Summer 2018

SoftComm Technology (e-biz dimension of KMD), Yangon, Myanmar

- Built Distribution Modules (Purchase, Inventory, Invoicing and Sales) using Odoo ERP
- Created a database for a web application using Odoo ERP and tested and debugged the built application
- Communicated with end users to determine their information needs

ACADEMIC RESEARCH AND PROJECTS

Research in Quantum Computers August 2018 – May 2019

Monmouth College, Monmouth, IL

- Built qubits gates and ran simulations using Cirq library
- Coded each stage from HelloQuantum and analyzed the data
- Simulated quantum mechanical systems using openFermion library
- Gathered theta value to get the lowest energy level of an atom

EXPERIENCE

AV Multimedia Crew

February – May 2019

Monmouth College, Monmouth, IL

- Worked with electronic devices especially sound system
- Set up and control the audio/visual and lights for events on campus

IT Support

August 2013 – May 2015

Mighty Force Mobiles & Service, Yangon, Myanmar

- Installation of firmware and applications for mobiles and completed mobile hardware repair
- Customer service related to mobile (setting, bills, etc.)

LEADERSHIP AND INVOLVEMENT

- International Club - Public Relations (August 2017 - May 2018)
- Association for Computing Machinery (Student Member, Monmouth College Chapter)