

# Mark S Pyatak

mpyatak.net  
markpyatak03@gmail.com  
(641)-931-6598

## Objective

---

I am currently searching for a full-time position to start my career in the tech field

## Skills

---

**Programming Languages:** C, C++, Java, JavaScript, Verilog

**Computer Skills:** Quartus Prime, Virtualization and Docker, Website Development with WordPress, Linux, CAD/Drafting

**Certification:** Microsoft Word, Excel, PowerPoint, and Access

## Projects

---

Detailed info on [mpyatak.net](http://mpyatak.net)

### Cloud/Docker Services

Created using a Mini-PC, Virtualization, Docker, and Linux

- Implemented a self-hosted Cloud Service using NextCloud. This allows me to have a cloud storage solution running on the Mini-PC. It can be accessed through a sub-domain via my domain mpyatak.net.
- The mini-PC also runs other services. Automatic photo backup, network-wide ad-blocker, and a VPN connection to access my network from anywhere.

### ATM Machine

Created using a FPGA Board, Quartus, and Verilog

- Designed the logic circuits for a simple ATM that uses switches for inputs for deposit/withdrawal and the amount. Has safeguards for overdrafts and errors.

### Memory Game

Created using C/C++

- Memory game that has you remember a shown/circled sequence, i.e. awdsw, and keeps track of all player's scores in a text file.

## Education

---

**Iowa State University** - Ames, IA

Bachelor of Science in Computer Engineering (In progress)

Cumulative GPA: 3.23

**Indian Hills Community College** - Ottumwa, IA

Associates of Sciences

2023

Associates of Arts and Science

2023

## Work Experience

---

**Flooring Contractor** - Central Iowa

2020 to Present

Self-Employment

- Resize and install multiple types of flooring with specialized tools to satisfaction.
- Manage customer appointments and invoices.