

Andrew J. Dugan

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Objective To gain professional skills within the workforce while pursuing my B.S. in software engineering and minor in cyber security.

Education

Iowa State University 2017 – Current

- B.S. Software Engineering
- Cyber Security Minor
- Graduation Winter 2021

Lockport Township H.S. 2013 – 2017

- High School Diploma
- 4 Years in Computer Club
- 2nd Place Skills USA for AutoCAD

Employment

Front Row Bar & Grill 2017 – 2021

- Barback
- Continuous development of customer relations

Mullet's Sports Bar 2015 – 2017

- Barback
- Initial introduction to workplace practices
- Helped remedy some software issues with touchscreen kiosks

Technical Experience

Threat Model Database 2021 – Current

- Senior design project
- Web application for submitting and viewing various threat models
- Developed initial database as well as API connectivity and other website functionality (MySQL and Express.JS)
- Further project information: sddec21-16.sd.ece.iastate.edu/

TECHNICAL SKILLS

Languages / Frameworks

- Java
- JavaScript
- TypeScript
- Bash
- C++
- C
- Python
- SQL
- Express.JS
- Spring MVC / Boot
- React
- Angular

Databasing

- MySQL
- phpMyAdmin
- MongoDB
- Microsoft SQL Server

Operating Systems

- Windows (10, 8, 7, Vista, XP)
- Linux (Ubuntu, Fedora, Kali, openSUSE)

Other Concepts

- Network Security
- RESTful APIs
- Unit Testing
- Machine Learning
- Cybersecurity
- Cryptography
- Server Creation
- Back-end Web Development
- Version Control (Git)
- Pen Testing