

# Carlos Galo

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## EDUCATION

### The University of Toledo, Toledo, OH

Anticipated Graduation Date: May 2021

Bachelor of Science: Computer Science and Engineering, Focus: Computer Security; Minor: Economics

## PROFESSIONAL TECHNOLOGY EXPERIENCE

### Software Engineer Intern

June 2020 – Present

#### Nexsys Technologies; Detroit, MI

- Design, develop and modify software through ASP.NET and AngularJS utilizing C# and JavaScript
- Modify existing code to fix errors, improve overall quality and functionality
- Analyze user needs to determine how software should be built or if existing software should be modified
- Process and understand capabilities and limitations of data outputs from software
- Practice Agile and Scrum in 2 week sprints with software engineer team

### Information Security Intern

January 2020 – June 2020

#### Quicken Loans; Detroit, MI

- Automate security controls to assist in closing out loans safely and securely with the Information Security team
- Collaborate with the Cloud Security team to assist, regulate, and set guidelines for cloud resources through all QL's companies
- Develop PowerShell and Python scripts to perform API calls, transform data, and to optimize processes and systems
- Assist in SOC Type 2 audit by connecting controls to deliverables, collect evidence, and document findings
- Cooperate with Security Awareness team to create Power BI dashboards to displaying results of phishing tests and findings

### Salesforce Developer Intern

July 2019 – December 2019

#### OnPoint Group; Perrysburg, OH

- Collaborate to redesign and adapt code base for integration of a newly acquired company and system
- Develop web component that allowed authorized users to mass input asset information for monthly reports
- Learn and utilize Apex, Salesforce's object-oriented language, to create and modify back-end controller
- Perform unit testing on code to move user stories from sandbox to user testing by adapting pre-defined testing classes and adjusting for new base cases
- Participate in software development cycle, as well as managing timelines and producing technical documentation

### Information Technology Intern

January 2019 – July 2019

#### Associated Spring Raymond; Maumee, OH

- Led Windows Migration project for the company by developing and integrating a reimaging system
- Create and maintain PostgreSQL database with users, assets, and printers data
- Develop and utilized Python scripts to automate SQL queries, and PowerShell scripts to automate user migration
- Present weekly reports through PowerBI by collecting live data from PostgreSQL database, containing information of Windows OS migration status of the company, broken down per country

## RELEVANT PROJECTS

File Compression Program	Pi Sigma Epsilon Delta Website	Dating Web App
<ul style="list-style-type: none"><li>- Implement a complete Huffman Encoding and Decoding tree system</li><li>- Include five command-line options: Help, Encode file, Decode file, Create and Encode tree-building file</li><li>- Develop as a Command Line Interface (CLI) application</li></ul>	<ul style="list-style-type: none"><li>- Utilize Google Cloud to deploy LAMP (Linux, Apache, MySQL, PHP) stack to host Wordpress website</li><li>- Deploy Wordpress to facilitate front-end customization for non-developers</li><li>- Implement SSL encryption to secure network connection to the website, enforcing HTTPS</li></ul>	<ul style="list-style-type: none"><li>- Construct back-end API through ASP.Net Core and front-end with Angular</li><li>- Users can update their profile and look at user's profile as well</li><li>- Integrate password hashing and salting to secure user information</li><li>- Contains image upload options, and integrated private chat system</li></ul>
Code: Github.com/cgalo/Compression-Program	Live Website: pseutoledo.org	Code: Github.com/cgalo/DatingApp
Framework: C++, Visual Studio	Framework: Google Cloud, Linux, Apache Server, MySQL, PHP	Framework: C#, TypeScript, Angular, ASP.Net Core

## TECHNICAL SKILLS

- |                   |                   |           |              |              |
|-------------------|-------------------|-----------|--------------|--------------|
| • C/C++           | • Java            | • Python  | • JavaScript | • PowerShell |
| • SQL             | • NoSQL           | • Angular | • TypeScript | • R          |
| • Version Control | • Cloud Computing | • Linux   | • HTML       | • CSS        |