Aaron Nguyen

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EDUCATION

Valencia College - University of Central Florida Orlando, FL
Bachelor of Computer Science *Jan. 2021 – Aug 2024*

- **GPA**: 4.0 / 4.0
- **Relevant coursework**: Intro to Programming Concepts, Java Programming, Precalculus Algebra
- **Achievements**: President's List Spring 2021, Convergys Computer Science Scholarship
- **Extracurriculars**: Technology Officer of Source Code IT & Programming Club, Member of Phi Theta Kappa Honor Society

Ton Duc Thang University Hochiminh, Vietnam
Bachelor of Law *Aug. 2014 – May 2018*

EXPERIENCE

United States Army Reserve St.Petersburg, FL
Information Technology Support Specialist *Nov. 2019 – Present*

- Communicate with Commander to set up battle assemblies and track attendance using technology solutions
- Assess and troubleshoot technical problems brought by 30+ enlisted soldiers and officers
- Maintain Digital Training Management System to input and update soldiers and officers' training records

PROJECTS

Tasks | *C#, ASP.NET, JavaScript, React, MongoDB, Docker*
https://github.com/aaronthangnguyen/tasks

- Developed a full-stack web application using ASP.NET Web API backend, React frontend allows CRUD operations (create, read, update, delete) tasks from Docker-containerized MongoDB database
- Engineered backend server with ASP.NET Web API following loosely-coupled design system
- Designed frontend with React, JavaScript, and Chakra UI making asynchronous API calls to backend server
- Connected backend server with Docker-containerized MongoDB database allowing portable, lightweight, and secure deployment

PDFMetadata | *C#*
https://github.com/aaronthangnguyen/PDFMetaData

- Developed a console application using C# and .NET 5 Framework allows access and modify PDF metadata
- Utilized PdfSharpCore NuGet package to access and modify metadata
- Designed a validation process using auto-implemented property's getters and setters

Watermark | *Python*
https://github.com/aaronthangnguyen/watermark

- Developed a console application using Python and Pillow image library prevents photo piracy for 3K+ photos
- Implemented Euclidean algorithm to calculate photo aspect ratio
- Designed a recursive function to search and detect photos in pre-designated directories

TECHNICAL SKILLS

Languages: Python, JavaScript, C#, Java, C, HTML, CSS, NoSQL (MongoDB)
Frameworks: ASP.NET, React, Node.js
Developer Tools: Git, Docker, Visual Studio Code, Jetbrains IDEs, Vim, macOS, Linux