GIANG KHUAT MINH

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EDUCATION

Grinnell College – Major GPA: 4.0   **Grinnell, IA**
Bachelor of Arts in Computer Science & Economics   *Expected May 2021*
- Selected Coursework: Analysis of Data Structure & Algorithm, Data Science, Mobile Software Development, Java Object-oriented Programming, Graph Theory, Linear Algebra

Aquincum institute of Technology   **Budapest, Hungary**
- Study Abroad   *September 2019 – December 2019*

SPECIALIZED SKILLS

- **Programming Languages**: Java, C, Scheme
- **Web Development**: Python, JavaScript, Node.JS, HTML, CSS, Bootstrap, ExpressJS, Flask
- **Mobile Development**: Kotlin, Android Studio
- **Databases**: MongoDB, SQlite, SQL
- **Data Analysis & Machine Learning**: Python (Keras, TensorFlow, Pandas, Matplotlib, Scikit Learn)
- **Testing frameworks:** Pytest, JUnit

WORK EXPERIENCE

Iowa Center for Economic Success   **West Des Moines, IA**
Robotic Process Automation Intern   *May 2019 – July 2019*
- Improved efficiency by reducing 70% required time to process 90+ financial documents by building 2 UIPath programs to automate data extraction from internet and data entry tasks
- Contributed to the center's marketing strategy plan by implementing an interactive map of 2,000 clients' addresses in Salesforce using Google Maps API and Apex
- Enhanced client experience by designing and implementing a user-friendly web intake form that verified clients, performed data integration, validated data with regular expression and handled clients' requests
- <u>Leveraged knowledge</u> in API, Apex, RPA, programs debugging and testing, and project piloting

Grinnell Information Technology Services   **Grinnell, IA**
Technology Support Specialist   *December 2018 – May 2019*
- Provided technical customer service and support for 2000 students, staff, and faculty on campus and assisted with computer troubleshooting problems in a fast-paced environment
- <u>Leveraged knowledge</u> in operating systems and computer software troubleshooting

INDIVIDUAL PROJECTS

YelpCamp – Node.js Web Application   *September 2019 – present*
Udemy Web Developer Bootcamp
- Implement YelpCamp (a Yelp style application for campsites) that supports user authentication, manages authorization and campground posts using JavaScript, Node.js, and Express framework
- Integrate MongoDB database to allow the users to create, edit and delete campgrounds and comments
- <u>Utilized:</u> Google Maps API, JavaScript, Node.js, Express, MongoDB, and GoormIDE service
  - *Link*: https://github.com/giangkhuat/Travel-Journal-Node.JS-Application

CAREDB – Python Database Application for Non-profit Organizations
Learn IT, Girl Global Mentorship Program for Women in Computer Science   *March 2019 – July 2019*
- Analyzed non-profit organizations' needs to manage donors' data to design idea, functionalities, workflow maps and user interface for the web application
- Built a full-stack web application that allowed users to create, search by filter, update and delete donors' contact and donation amount using Python, Flask framework, SQLite database, HTML and JavaScript
- Design test cases, write unit testing with Pytest and modularize application to prepare for deployment
- <u>Utilized</u>: Python, Flask, HTML/CSS, SQLite, Git and Heroku
  - *Link:* https://github.com/giangkhuat/Python-CRUD-Web-Application

Java Blockchain Simulation Project   **Grinnell, IA**
Object-oriented Programming, Grinnell College   *April 2019*
- Built a program that simulated the development of a blockchain, allowing users to mine a new block, report accounts' balances, record the transactions between two parties such as transferring money
- <u>Utilized:</u> Object-oriented design pattern, Java Cryptography API and cryptographic hash function
  - *Link:* https://github.com/giangkhuat/Blockchain-Simulation-Program