Phat Minh Dang

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# WORK Experience

**Software Developer Intern – Nexus 8 International**

Washington DC

From August 2020 – current

Projects include: Web App, Android App, IOS App, ASP.NET CORE

* Building a communication platform for doctors to collaborate and helping each other, giving them most secure, fast, and reliable place to communicate.
* Programming Language used: JavaScript, C#, HTML, CSS
* Agile Development, Software Engineer, Full Stack Developer, professional development, GPA: 3.5

**Computer Science Intern - American Institute for Cancer Research (AICR)**

Arlington, Virginia

From May 2019 to September 2019

Projects include:

* Database Management
  + Description: Establishing a connection between databases and collecting data for data mining.
  + Programming Language used: Python
* Machine Learning (AI) Project
  + Description: Building a neural network to predict the numbers of potential donors to AICR based on geographic, previous donation amounts, the frequency of donations...etc. Use data collected from users’ databases to train the neural network.
  + Programming Language used: Python
* Data Analytics
  + Description: inspecting, cleansing, transforming, modeling and visualizing data to turn raw data into useful information.
  + Tools and programing language used: Tableau, Snowflake, Python

# Education

**George Mason University, Fairfax, Virginia (2017 – 2020)**

**Bachelor’s degree, Computer Science**

* + Built a working android app and a working web app. Work well in both the front-end and the back-end environments.
  + Data mining project: song lyrics filter for children.

**Minor Degree, Computational and Data Science**

* + Minoring in Computational and Data Science. Familiar with modeling and Simulation, Agent-based Modeling, Database, Scientific Calculations in Data Science, Data Mining, and Data Mining techniques such as classification, clustering, and deep learning.
  + Extracurricular project: Extended the fire model to make the data more realistic. Modeled the global warming process to show what human actions cause the Earth's temperature to rise.
  + Mastering in some programming languages that specialized for Data Science such as Python, MATLAB, Fortran, R.

**Northern Virginia Community College, Annandale, Virginia (2014 – 2016)**

**Associate Degree, Computer Science**

# Other CERTIFICATIONS

Advanced Google Analytics - Google - 2020

# Skills

* **Programming Languages:** Java, Javascript, Python, C, C++, C#, .NET, Assembly, Common Lisp, Matlab, Fortran, R, Netlogo, CSS, HTML, REACT, Bootstrap, Angular/Springboot, OpenShift/Docker, TypeScript.
* **Tools/ Softwares:** Visual Studio, Eclipse, Anaconda, NetBeans, PyCharm, Terminal, Unix/Linux, Netlogo, Xcode, Android Studio, WebStorm, Atom, Microsoft Offices, SQL, MySQL, Oracle, Microsoft Database, RStudio, JEdit, WireShark, MATLAB, Visio, Sharepoint, Teams, Git, Bitbucket, MongoDB, DevOps, Excellence verbal written.
* **Technical Skills:** Network Communicating, Data Mining, Software Engineer, Software Testing and Maintenance, Databases processing, Data Science, Full Stack.
* **Professional skills**: Critical thinking, communication, teamwork, leadership, problem-solving, time management, organized, productive, creative thinking, fast learner, willingness to learn, try new things. fail fast
* **Languages**:
  + English (Full professional proficiency)
  + Vietnamese (Native)

# VOLUNTEER

* Volunteer to work for a non-profit Youth Association.
* Teach young children age from 7 to 13 Vietnamese and life skills.
* Train youth members to be productive citizens who will make positive contributions to society.
* Volunteer to be Camp Director, Summer Camp Activities Planner; create fun activities for youth members to play and learn.
* Help organize fundraising for disasters: Hurricanes, California wildfire, feed the homeless, etc.

**\*\*United State Citizen**