NHAN NGUYEN

Software Learner
Houston, TX, United States
U.S.Citizen

www.nhancs.com
nhannguyencsd@gmail.com
832-618-9109

OBJECTIVE

I'm a self-taught web developer and interested in machine learning and deep learning. I love to build artificial intelligence applications. I'm currently seeking a full-time entry-level software engineer.

EDUCATION

Bachelor of Science in Computer Science ***August 2017 – December 2019***
University of Houston – Houston, TX, United States
Minor in Mathematics
Cumulative GPA: 3.54

Associates of Science ***August 2015 - May 2017***
Houston Community College - Houston, TX, United States
College LVL GPA: 3.71

Junior Mechatronics Engineering Student ***August 2009 – December 2012***
University of Nha Trang - Nha Trang, Khanh Hoa, Vietnam

SKILLS

- **Language**: HTML, CSS, Python, SQL, JavaScript, C
- **Framework/Library**: PyTorch, Flask, SQLAlchemy, PostgreSQL, Redis, jQuery, Jinja2, Bootstrap
- **Software/IDE:** Visual Studio Code, Anaconda, Jupyter Notebook, pgAdmin4, Bash, Git and GitHub
- **Operating System:** Ubuntu, macOS, Window

EXPERIENCE

Self-taught Data Engineer ***March 2020 – Present***
Personal Projects - Houston, TX, United States

- Build the GPU workstation PC to gain hardware knowledge and use for training and validation of deep learning models
- Implement some deep learning models: perceptron, multilayer perceptrons, gradient descent, linear regression, logistic regression, CNNs(Lenet-5, Alex Net, VGG Net, Inception, Resnet-34, Resnet-50), transfer learning, GANs(Conditional GAN, CycleGAN)
- Create my personal website using Flask, SQLAlchemy, PostgreSQL, PyTorch and deploy it on the Linode server. This website allows admin to create/update/delete the home page and project page. For the regular user, it provides some features: updating account information, resetting a password, three times a day to run any AI models on the website and posting/editing/deleting a comment

Perishable Representative ***July 2017 – Present***
HEB Grocery - Houston, TX, United States

- Stock and rotate produce to protect products quality and freshness
- Communicate to customers regarding product knowledge and assisting in their needs

Electronics as a hobby ***August 2009 – December 2012***
University of Nha Trang – Nha Trang, Khanh Hoa, Vietnam

- Designed and made printed circuit boards for AC-DC converter and AVR microcontrollers
- Programmed AVR microcontrollers using C language on CodeVisionAVR
- Applied PID algorithm to control the speed of a stepper motor and graphed the speed on Visual Basic
- Made outdoor LED advertising boards which display “Happy New Year” to customers