Huy N. Vuong

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Education

University of Nebraska - Lincoln   Lincoln, NE
Bachelors of Science in Computer Science; GPA: 3.4/4.0   *Expected May 2021*
  - **Minors**: Mathematics and Business Administration

Skills

- **Languages**: Golang, TypeScript, Java, JavaScript, HTML, SQL, Python, C, LaTeX
- **Front-end Framework/Libraries**: Angular, React, Adobe ColdFusion, Ngx-bootstrap, tkinter (Native)
- **Back-end Framework/Libraries**: Golang gin-gonic, Java Spring-boot, ASP.NET, GraphQL.NET, MySQL
- **Technologies**: Github, Sub-version, Jira, Confluence

Experiences

Speedway Motors   Lincoln, NE
Software Engineering Intern   *May 2020 - Present*
  - Collaborate with a cross-functional team with backgrounds in product management, UX, software engineering and technical consult team in the designing, coding, and debugging of multiple software applications in various software languages. We practice continuous development/ continuous delivery
  - Implement new services using GraphQL.NET replacing old system to improve query time and data correctness
  - Improve the existing SDK to support running feed to improve code writing experiences and code quality across projects
  - Build new feeds to pre-populates data from different services and store them in database to reduce significant amount of redudant computation time
  - **Technologies:** React, .NET, C#, GraphQL, Azure DevOps, BitBucket, Jira products, Slack, Git

DMSi Software   Lincoln, NE
Associate Software Developer   *Sep 2019 - May 2020*
  - Jeffrey S. Raikes School honors capstone program - Dynamic Product Configuration
  - Created and managed ImageGeneration API in performing image stitching, layering, mutating and send them as REST
  - Created thousands of data entries in Azure Database to give image stitching instructions
  - Wrote React pipelines to validate product component and store them on cache
  - Practiced Agile Software Development cycle, bi-weekly sprint and monthly releases
  - **Technologies:** React, Golang, Azure, TSQL, Github, Slack

Werner Enterprises   Omaha, NE
Software Developer Intern   *May 2019 - May 2020*
  - Created a single page metric dashboard to keep track of company's intranet performances
  - Worked in optimize segment search engine for to create a better user experience for internal users across department
  - Worked with Spring-Boot MVC and queried data from IBM DB2 and expose them to REST endpoint serving various business value
  - Implemented Google ReCaptcha in Adobe ColdFusion for several legacy applications
  - Practiced Scrum, daily stand ups, bi-weekly Release
  - **Technologies:** Jira products, Spring-boot MVC, Angular, Ngx Bootstrap, Tortoise Subversion

Dept. of Computer Science and Engineering   Lincoln, NE
Undergraduate Teaching Assistant   *August 2018 - May 2019*
  - Assisted in Computer Science I, II, III
  - Responsible in Grading, Supervising Labs, Holding office hours
  - Held regular meeting with student making sure that they are doing well in class

Projects

- **Dynamic Product Configurator Image Generation API**: Project worked in team DMSi for Jeffrey S. Raikes honors program
  - High-business value API that support and handle image generation for DMSi Product Configurator
  - "Over half of the doors configured in the United States will soon be configured on this system" - DMSi executive
- **Werner Intermodal Dashboard**: Self-contained project developed for Werner Enterprise
  - Provided a management dashboard for the Intermodal Logistic team to keep track of their productivity
  - Built extensible code that can be used across teams and departments
- **City Traffic Simulator**: Software Engineering Project
  - Built a native tkinter application to stimulate the flow of traffic in a city
  - Implemented Best First Search to and its visualization to support car path finding