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, Maven, Azure, IBM DB2
- **Technologies**: Github, Sub-version, Jira, Confluence

Experiences

Speedway Motors   Lincoln, NE
Software Engineering Intern   *May 2020 - Present*
- Participate in the designing, coding, and debugging of multiple software applications in various software languages
- Practice trunk-based development and continous development
- Working on investigating GraphQL and writing single page React application
- Practice business agility, Team Pair or Mob programming to attack a challenging problem together
- **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 management dashboard to keep track of company's intranet performances
- Wrote several Angular pipe to optimize segment search engine and used across different internal applications
- 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