

# Chau Minh Nguyen

## Computer Scientist

Solution-oriented Computer Scientist with a diverse project experience. Passionate about software engineering and web development.

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## EDUCATION

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Purdue University, West Lafayette, IN Bachelor of Science in Computer Science GPA: 3.68 / 4.0	12/2019 (Expected)
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## EXPERIENCE

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<b>Undergraduate Research with professor Lu</b> CAM2, Purdue University	5/2019 – 8/2019
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- Designed a system to collect pedestrian data to assist architects make better design decision.
- Visualized data by projecting people walking patterns on a map.
- Researched action detection, a new challenge in CVPR 2019.

<b>Software Engineering Intern</b> CMC CIST, Viet Nam	5/2018 – 8/2018
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- Programmed embedded software on camera to receive HTTP request and move accordingly.
- Developed software to track people entering a room and saved records in a database.
- Technology Stack: Python, Django, OpenCV, MS Azure, Yolov2.

## PROJECTS

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<b>Room Alloc, Team Lead, Purdue</b>	11/2017
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- Led a team of three in developing a room reservation web site and deployed on Heroku.
- Increased project efficiency and reliability by using Test Driven Development.

<b>SIGGD club, Programmer, Purdue</b> Lumina – a 3D dungeon crawling game	1/2017 – 5/2017
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- Constructed monster AI flexible and less error-prone by using Scriptable Object.
- Designed game UI, UX to display player inventory and item statistics.

## TECHNICAL SKILLS

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### Tools

Git, MS Visual Studio, Unity 3D, Pycharm, Django, openGL, Pytorch, MeteorJS

### Course work

Algorithm, Intro to AI, Foundation of Graphics, Topics in Animation

### Languages

HTML, CSS, JavaScript, PHP, Python, Java, C/C++, C#, R, Matlab, SQL

## VOLUNTEER

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<b>BoilerCode Floater, Purdue</b> Mentored high school students in their coding projects.	3/2018
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<b>Winterization, Purdue</b> Prepared yards and homes of the elderly and disabled for winter.	12/2017
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