

Cuong Nguyen

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EDUCATION

MONASH UNIVERSITY | PHD IN CIVIL ENGINEERING

Expected Feb 2021 | Melbourne, Victoria, Australia

INTERNATIONAL UNIVERSITY | BSc (HONS) IN ELECTRICAL ENGINEERING

Conferred Oct 2016 | Vietnam National University, Ho Chi Minh, Vietnam

Cum. GPA: 3.45 / 4.0 • Major GPA: 3.64 / 4.0

EXPERIENCE

MONASH UNIVERSITY | TEACHING ASSISTANT - CIV2282

Aug 2018 – Nov 2018 | Melbourne, Australia

- Assist lecturers to deliver the course by supporting more than 300 undergrads with practice classes and marking tasks

INTERNATIONAL UNIVERSITY | TEACHING ASSISTANT - CALCULUS

Sep 2014 – Jun 2015 | Ho Chi Minh, Vietnam

- Provide tutorial classes and assist in teaching for more than 100 students per semester

RESEARCH

INTELLIGENT TRANSPORT SYSTEMS RESEARCH GROUP | POSTGRADUATE

Feb 2018 – Present | Monash University, Melbourne, Victoria

Supervised by Prof. Hai Vu to conduct research in field of Intelligent Transport Systems

- Traffic control for Connected and Autonomous Vehicles (CAVs)
- Large-scale traffic monitoring from imagery data using computer vision

WIRELESS SENSOR NETWORK LAB | UNDERGRADUATE

Sep 2015 – Jun 2016 | International University, Ho Chi Minh, Vietnam

Conducted research in field of Internet of Things (IoT) technology and protocol

- Design constrained hardware platforms for IoT applications

TECHNICAL SKILL

PROGRAMMING LANGUAGE

Bash • C • C++ • Matlab • Python • PHP

SKILL

Optimization • Computer vision

AWARD

POSTGRADUATE SCHOLARSHIP | MONASH UNIVERSITY

Oct 2017 | Melbourne, Victoria, Australia

Monash Graduate scholarship (MGS) • Monash International Tuition scholarship (MITS)

UNDERGRADUATE SCHOLARSHIP | INTERNATIONAL UNIVERSITY

2014 - 2016 | Vietnam National University, Ho Chi Minh, Vietnam

Salutatorian of class of 2016 • Dean's list (2014-2016)

LANGUAGE

Vietnamese (Native) • English (Fluent)