

Noah T. Curran

PHD STUDENT · COMPUTER SCIENCE & ENGINEERING

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Education

University of Michigan

PHD COMPUTER SCIENCE & ENGINEERING

- Advisor: Prof. Kang G. Shin

Ann Arbor, MI

2020 - present

University of Michigan

MS COMPUTER SCIENCE & ENGINEERING

- Advisor: Prof. Kang G. Shin

Ann Arbor, MI

2020 - present

Purdue University

BS COMPUTER SCIENCE (HONS.); BS MATHEMATICS

- Honors thesis advisor: Prof. Yung-Hsiang Lu

West Lafayette, IN

2017 - 2020

Professional Experience

2020 - pres. **Graduate Student Research Assistant**, Dept. of Computer Science & Engineering; University of Michigan

2018 - 2020 **Undergraduate Research Assistant**, Dept. of Electrical & Computer Engineering; Purdue University

2018 **Computation Student Intern**, Lawrence Livermore National Laboratory; Livermore, CA

Publications

FIRST PAPER IN PREPARATION

Awards, Fellowships, & Grants

2020	Honors Degree in Computer Science , Purdue University	
	Outstanding Senior , Purdue University Department of Computer Science	\$ 500
2019	Research Experience for Undergraduates , National Science Foundation	
	Secure & Trustworthy Cyberspace PI Meeting Travel Grant , National Science Foundation	\$ 1,500
2017	Presidential Scholarship , Purdue University	\$ 20,000

Presentations

* *presenting author*; + *mentored undergraduate*

Chinnakotla, A.*+, Chadwick, C.*+, **Curran, N. T.**, Davis, S.*+, Chen, R.*+, Banna, V.*+, Lecroy, J.*+, Firestone R.*+, Dave, V.*+, Lee, S.*+, Lu, Y., Thiruvathukal, G. K. 2019. Optimus: A Software Bot for Automated Code Review. Poster: Purdue Undergraduate Research Symposium, West Lafayette, IN.

[PDF]

Park, H., **Curran, N. T.***, Lin, F. X. 2019. TrustZone as a Secure Tensor Processor. Poster: Secure and Trustworthy Cyberspace PI Meeting, Alexandria, VA.

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Teaching Experience _____

Spring '20	CS 250 - Computer Architecture , Undergraduate Teaching Assistant	<i>Purdue</i>
Fall '19	CS 250 - Computer Architecture , Undergraduate Teaching Assistant	<i>Purdue</i>
Spring '19	CS 193 - Tools , Undergraduate Teaching Assistant	<i>Purdue</i>
Fall '18	CS 250 - Computer Architecture , Undergraduate Teaching Assistant	<i>Purdue</i>
	CS 193 - Tools , Undergraduate Teaching Assistant	<i>Purdue</i>

Mentoring _____

2018-2020	Various Undergrads , Continuous Analysis of Many CAMeras Software Engineering Team	<i>Purdue</i>
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Outreach & Professional Development _____

SERVICE AND OUTREACH

2021	Automotive Security Research Group Student Chapter , Organizer	<i>U. of Michigan</i>
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