

Neea Rusch

Curriculum vitae

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Education

- 2020–present **PhD student in Computer Science**, *Augusta University*, Augusta, GA USA.
2014–2016 **Master of Science in Computer Science**, *Georgia Institute of Technology*, Atlanta, GA USA.
2011–2014 **Bachelor of Science in Computer Science**, *Augusta University*, Augusta, GA USA.

Teaching Experience

- Augusta University **CSCI 1301 - Principles of Computer Programming I**, *Instructor*.
Taught in fall 2019, spring 2020, fall 2020, spring 2021, summer 2021, fall 2021.
CSCI 1200 - Introduction to Computers and Programming, *Instructor*.
Taught in spring 2019, summer 2019.

Publications

- [1] Clément Aubert, Thomas Rubiano, Neea Rusch, and Thomas Seiller. “mwp-Analysis Improvement and Implementation: Realizing Implicit Computational Complexity”. In: *Leibniz International Proceedings in Informatics* 228 (2022). Ed. by Amy P. Felty, 26:1–26:23. ISSN: 1868-8969. DOI: 10.4230/LIPIcs.FSCD.2022.26.

Academic Service

- PC Member **Artifact Evaluation Committee (AEC)**.
APLAS Asian Symposium on Programming Languages and Systems AEC, 2022.
ICFP International Conference on Functional Programming AEC, 2022.
PLDI Programming Language Design and Implementation AEC, 2022.

Talks & Presentations

- 2022-06-20 28th International Conference on Types for Proofs and Programs (TYPES’22), *University of Nantes*.
2022-04-01 The 37th Annual Graduate Research Day, *Augusta University*, poster.
2021-11-18 Laboratoire d’Informatique de Paris Nord (LIPN) seminar, *Université Sorbonne Paris Nord*.
2021-11-15 Inria Celtique research team seminar, *IRISA Rennes*.
2021-03-26 The 36th Annual Graduate Research Day, *Augusta University*.

Summer & Winter Schools

- 2022 **Programming Languages Mentoring Workshop, PLMW @ PLDI 2022**, San Diego, CA, USA, June 13–14, 2022.
2021 **Static Analyses of Program Flows: Types and Certificate for Complexity**, *Dagstuhl Seminar 21453*, Germany, November 7–12, 2021.
2021 **Oregon Programming Languages Summer School**, on *Foundations of Programming and Security*, virtual, June 14–26, 2021.
2021 **Midlands Graduate School**, in the *Foundations of Computing Science*, virtual, April 12–16, 2021.

Awards

- 2022 **PLMW scholarship**, awarded by *ACM SIGPLAN*.
To attend PLMW @ PLDI 2022 workshop and the PLDI'22 conference, in San Diego, CA, USA.
- 2022 **Excellence in Research - Computer & Cyber Sciences**, awarded by *The Graduate School*.
\$100 for presentation at Augusta University 37th Annual Graduate Research Day.
- 2021 **VMCAI 2022 Student Travel Fellowship**.
\$1,500 stipend toward attending VMCAI'22 conference in Philadelphia, PA, USA.
- 2021 **Travel Funding**, awarded by *The Graduate School*.
\$1,000 toward travel to the LIPN seminar in Paris, France.
- 2015 **Grace Hopper Scholarship**, awarded by *Georgia Institute of Technology*.
To attend Grace Hopper Celebration of Women in Computing GHC'15 conference in Houston, Texas.
- 2014 **Outstanding Computer Science Student Award**, awarded by *Augusta University*.
Awarded annually to one graduating student for academic excellence.
- 2013 **Savannah River Scholars Program (SRSP) Scholarship**, awarded by *Augusta University*.
\$7,800 stipend funded by National Science Foundation.

University Service

- 2021–2023 **The Graduate School - Graduate Student Council**, *Augusta University*.
Representative of School of Computer and Cyber Sciences.

Work Experience

- 2020–2021 **Senior Consultant**, *Rural Sourcing Inc.*, Augusta, GA, web application development.
- 2018–2019 **Android Developer**, *TaxSlayer*, Augusta, GA, mobile application design and development.
- 2014–2018 **Software Developer**, *TaxSlayer*, Augusta, GA, web application design and development.

Languages

English, Finnish