

# Neea Rusch

## Curriculum vitae

✉ [nrusch@augusta.edu](mailto:nrusch@augusta.edu)  
🔗 [nkrusch.github.io](https://nkrusch.github.io)

---

### 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: *7th International Conference on Formal Structures for Computation and Deduction (FSCD 2022)*. Ed. by Amy P. Felty. Vol. 228. Leibniz International Proceedings in Informatics. Schloss Dagstuhl–Leibniz-Zentrum für Informatik, 2022, 26:1–26:23. ISBN: 978-3-95977-233-4. 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 **Student Research Program, Fall'22**, awarded by Provost's office and the Translational Research Program of the Department of Medicine, Medical College of Georgia at Augusta University.  
\$1,000 to support dissertation research.
- 2022 **Programming Languages Mentoring Workshop scholarship**, awarded by ACM SIGPLAN.  
To attend PLMW @ PLDI 2022 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**, awarded by the VMCAI PC.  
\$1,500 stipend for 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