David Glavas

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EDUCATION

- **Technical University of Munich, Germany**
  B.Sc. Computer Science *10/2015 - 02/2019*

- **Eindhoven University of Technology, Netherlands**
  Exchange student, ERASMUS-Scholarship *09/2017 - 02/2018*

WORK EXPERIENCE

- **Technical University of Munich, Germany** 10/2016 - Present
  Teaching Assistant
  - Received a 1.0 (best possible grade) during evaluations of the labs I held.
  - Lectures which I assisted (all taught in Java): Introduction to Computer Science 1, Introduction to Software Engineering, Introduction to Algorithms and Data Structures.

- **Truma, Putzbrunn, Germany** 06/2016 - 10/2016
  Software Engineering Intern
  - Sped up internal workflows by designing a telemetry system (Java) from scratch that relieved developers from having to manually do measurements on the hardware they were working on.
  - Independently elicited system requirements from users (other devs), designed the system using UML and Enterprise Architect, implemented, tested, and delivered a working prototype.

- **Maistra, Rovinj, Croatia** 01/2015 - 05/2015
  IT Intern
  - Learned networking basics by assisting at setting up computer networks with over a thousand daily users.
  - Troubleshooted and dealt with costumer complaints over the telephone and in person.

PROJECTS

- **2-D Labyrinth Game.** Practiced Java and OOP concepts while having fun escaping labyrinths.

- **Visibility Polygons.** Learned more about the gap between algorithms in academia and practice by implementing a solution for computing the visible part of a polygon from the perspective of a point inside of it.

- All of my projects can be found at github.com/glavas.

Skills

- Intermediate: Java.

- Occasionally: C++, Python, SQL, OCaml, HTML, CSS, JavaScript, x86 Assembly, Octave.

- Familiar with: UML, Git, SVN, Eclipse, IntelliJ IDEA, MS Visual Studio, Arduino.

- Courses I enjoyed: (Geometric) Algorithms and Data structures, Machine Learning, Software Design.

- Fluent in English, Croatian and German.