

# Damir Ferizovic

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## EDUCATION

### KARLSRUHE INSTITUTE OF TECHNOLOGY (KIT)

Karlsruhe, Germany

#### MASTERS IN COMPUTER SCIENCE

Oct 2016 - March 2019

**Thesis:** A Practical Analysis of Kernelization Techniques for the Maximum Cut Problem

**Paper published in ALENEX '20:**

Engineering Kernelization for Maximum Cut

**Source:** [github.com/Amtrix/fpt-max-cut](https://github.com/Amtrix/fpt-max-cut)

#### BACHELOR IN COMPUTER SCIENCE

Oct 2011 - Sep 2016

**Thesis:** Parallel Pruned Landmark Labeling

**Source:** [github.com/Amtrix/parallel-pruned-landmark-labeling](https://github.com/Amtrix/parallel-pruned-landmark-labeling)

## LINKS

Github:// [Amtrix](#)

LinkedIn:// [damirferizovic](#)

Homepage:// [damirferizovic.com](#)

## SKILLS

C++ • C • Typescript • Algorithms  
Datastructures • Javascript  
Java • PHP • Parallelism  
Networking • Node

## LANGUAGES

Native level: German • Bosnian  
Serbian • Croatian  
Fluent: English

## PROJECTS

### WEBDASH

[github.com/Amtrix/webdash](https://github.com/Amtrix/webdash)

A development environment I built for myself. Easy to deploy on any machine and eases the supervision and integration of all my projects.

### NOTEVERSE

[noteverse.com](https://noteverse.com)

An infinite 2D canvas for sharing web content.

## EXPERIENCE

### MICROSOFT | SOFTWARE ENGINEER

March 2019 – today | Redmond, WA

- Contributed in a critical task to gauge the viability of a new Accessibility feature. Helped another group reach their goals in terms of Windows layering.

### MICROSOFT | SOFTWARE ENGINEERING INTERN

May 2017 – Aug 2017 | Redmond, WA

- Designed and implemented text-formatting intonation for Windows' screen reader.

### MICROSOFT | SOFTWARE ENGINEERING INTERN

May 2016 – Aug 2016 | Redmond, WA

- Designed and implemented a new touch gesture system for a Windows product.

### GOOGLE | SOFTWARE ENGINEERING INTERN

Sep 2014 – Dec 2014 | Mountain View, CA

- Worked on a regression test for Google's search infrastructure.

### SAP | WORKING STUDENT

Aug 2013 – Jan 2014 | Waldorf, Germany

- Worked on the development of a light-weight in-memory database.

## RESEARCH

### KARLSRUHE INSTITUTE OF TECHNOLOGY | RESEARCH ASSISTANT

May 2015 – Jan 2016 | Karlsruhe, Germany

### CARNEGIE MELLON UNIVERSITY | EXCHANGE RESEARCH STUDENT

May 2014 – Jul 2014 | Pittsburgh, PA

## AWARDS

2019	Outstanding Thesis 1 <sup>st</sup>	German Research Foundation: Young Talent Award Internal Microsoft Hackathon
2016	Silver Medal, 7 <sup>th</sup> / 114 1 <sup>st</sup> / 98	North Western Europe Regional Contest (NWERC) German Collegiate Programming Contest (GCPC)
2015	Silver Medal, 5 <sup>th</sup> / 99 1 <sup>st</sup>	North Western Europe Regional Contest (NWERC) Microsoft Code Competition at KIT hackAthon: Games and Gamification
2013	Silver Medal, 7 <sup>th</sup> / 92	North Western Europe Regional Contest (NWERC)
2012	305 <sup>th</sup> / 17803	Google Code Jam, reached pre-final round
2011	1 <sup>st</sup> / 743 Silver Medal, 5 <sup>th</sup> / 24 Bronze Medal, 86 <sup>th</sup> / 302	High School Programming League (HSPL) Balkan Olympiad in Informatics (BOI) International Olympiad in Informatics (IOI)
	Silver Medal, 5 <sup>th</sup> / 50 2 <sup>nd</sup>	Balkan Olympiad in Informatics (BOI) Bosnian National Olympiad in Informatics (BHOI)
2010	Bronze Medal, 138 <sup>th</sup> / 300 Silver Medal, 6 <sup>th</sup> / 50 3 <sup>rd</sup>	International Olympiad in Informatics (IOI) Balkan Olympiad in Informatics (BOI) Bosnian National Olympiad in Informatics (BHOI)
2009	2 <sup>nd</sup>	Bosnian National Olympiad in Informatics (BHOI)
20XY	1 <sup>st</sup>	Regional High School Competitions: 3 times Computer Science and 2 times Math