


# Olek Osikowicz

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 Google Scholar


## Education

- PhD** **University of Sheffield**, Computer Science Sheffield, UK  
Sept 2023 – present
- Testing **Autonomous Driving Systems** (ADS) in simulated environments
  - Applying multi-fidelity optimization for ADS testing
  - Investigated flaky ADS tests caused by simulator nondeterminism
  - Supervisors: Donghwan Shin & Phil McMinn
- BSc** **University of Sheffield**, Computer Science Sheffield, UK  
Sept 2020 – June 2023
- Graduated with First-Class Honours
  - Dissertation: Autonomous Driving Systems Testing - grounded in reality test generation





## Publications

- Empirically Evaluating Flaky Tests for Autonomous Driving Systems in Simulated Environments** Apr 2025
- Olek Osikowicz**, Phil McMinn, Donghwan Shin
- [eprints.whiterose.ac.uk/222933](https://eprints.whiterose.ac.uk/222933)  (2025 IEEE/ACM International Flaky Tests Workshop)

## Experience

- Company C**, Summer Intern Livingston, LA, USA  
June 2024 – Sept 2024
- Developed deep learning models for the detection of gravitational waves in LIGO data
  - Published [3 peer-reviewed research papers](#)  about the project and results
- Company B**, Summer Intern Ankara, Türkiye  
June 2023 – Sept 2023
- Optimized the production line by 15% by implementing a new scheduling algorithm
- Company A**, Summer Intern Istanbul, Türkiye  
June 2022 – Sept 2022
- Designed an inventory management web application for a warehouse

## Projects

- Example Project**  May 2024 – present
- A web application for writing essays
- Launched an [iOS app](#)  in 09/2024 that currently has 10k+ monthly active users
  - The app is made open-source (3,000+ stars [on GitHub](#) 
- Teaching on Udemy**  Fall 2023
- Instructed the "Statics" course on Udemy (60,000+ students, 200,000+ hours watched)

## Skills

- Programming:** Proficient with Python, C++, and Git; good understanding of Web, app development, and DevOps
- Mathematics:** Good understanding of differential equations, calculus, and linear algebra
- Languages:** English (fluent, TOEFL: 118/120), Turkish (native)

## Extracurricular Activities

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- There are 7 unique entry types in RenderCV: *BulletEntry*, *TextEntry*, *EducationEntry*, *ExperienceEntry*, *NormalEntry*, *PublicationEntry*, and *OneLineEntry*.
- Each entry type has a different structure and layout. This document demonstrates all of them.

## Numbered Entries

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1. This is a numbered entry.
2. This is another numbered entry.
3. This is the third numbered entry.

## Reversed Numbered Entries

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3. This is a reversed numbered entry.
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1. This is the third reversed numbered entry.