JAVIER CABRERA

Computer Scientist & Software Engineer
github.com/Jacarte

Stockholm, Sweden

jacarte.me

+46 0730802194

github.com/Jacarte

jacarte9212@gmail.com

javier-cabrera-05565b12a

WHO AM I?

My name is Javier Cabrera, I am a WebAssembly-enthusiastic and a PhD candidate at KTH Royal Institute of Technology in Stockholm, specializing in **Software Engineering, Automation, Program Synthesis and, Automated Testing**.

PROEFICIENCY

Rust

Python

JavaScript

C/C++

LLVM

C#

Java

LANGUAGES

Spanish: native, **English**: proficient, **Swedish**: rudimentary

EXPERIENCE

3/2019 – Present	**Phd. student/Researcher/Teacher assistant**	**KTH Royal Institute of Technology.**

```
Automatic Testing  •  Compilers  •  DevOps  •  Edge computing  •  WebAssembly  •  Rust
        •  CI/CD  •  K8S  •  Azure  •  Argo Workflows  •  LLVM
```

09/2021 – 12/2021	**Contractor Software Engineer**	**Fastly Inc.**

```
Rust  •  WebAssembly  •  Compilers  •  Fuzzing  •  Automatic testing  •  libfuzzer  •
```
credited security CVE

11/2017 – 3/2019	**Software Engineer/Full stack developer**	**Iberant SL.**

```
.Net Core  •  Microservices  •  MsSQL  •  ReactJS  •  Azure  •  Xamarin
```

2016 – 3/2019	**Assistant professor**	**University of Havana, Cuba**

```
.Net  •  Java  •  Compilers
```

EDUCATION

2019 – 2024	**PhD in Computer Science**	**KTH Royal Institute of Technology**

Relevant courses: Programming for Data Science , Cyber-physical systems safety and security , Introduction to High Performance Computing , Research preparation course in programming languages and formal methods , Advanced Ethical Hacking , Critical Perspectives on Data Science and Machine Learning , Solving Combinatorial Problems with MiniZinc .