

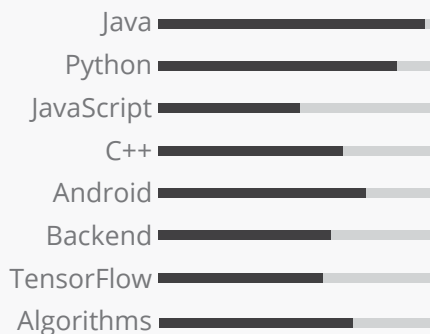
LUKAS PETERSSON

STUDENT AND SOFTWARE DEVELOPER

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OBJECTIVE

SKILLS



EDUCATION

M.SC. ENGINEERING PHYSICS

Lund University | Aug 2019 – Dec 2023

- GPA 4.0 / 4
- Highest ranked university in Sweden
- Mathematics, physics and computer science
- Enhanced analytical thinking
- Extra courses in computer science
- Studying at a higher pace, earlier graduation

PROJECTS & COMPETITIONS

PROGRAMMING COMPETITION

NCPC | 2020

- Finished top 5 in Sweden in the Nordic ICPC qualifiers
- Achieved with a 2-man team despite the fact that the team size should be 3!
- Implemented data structures and fast algorithms

SELF-DRIVING MACHINE LEARNING PROJECT

CommaAI speed challenge | 2021

- Predicting the speed of a car with image recognition and optical flow calculations
- Achieved a MSE score of 3

ANDROID DEVELOPMENT

BookLog, Falling Kitten and more | 2018 - Present

- Published 3 apps on Play Store
- Developed and pitched a business solution for senior executives at Axfood. Was offered a role
- The most fun I've had with programming

PROFESSIONAL EXPERIENCE

FLIGHT SOFTWARE SYSTEMS INTERN

European Space Agency | Jun 2021 – Sep 2021

- Implementation of a model-based workbench for system-engineering
- Java and model transformation languages
- Insight into the space industry
- Documentation automation

IT CONSULTANT

Lunicore | Nov 2019 – Present

- Full stack development with the MERN stack
- Comfortable with backend development
- Agile approach in dialogue with the customer

SOFTWARE DEVELOPER INTERN

Ericsson | Jan 2019 – May 2019

- Coaching from professionals in the industry
- Developed web applications with ReactJS
- Android development with Kotlin
- Insight into how huge global companies operates

JUNIOR SOFTWARE DEVELOPER

Digital Edge | Nov 2018 – Jul 2019

- Developed a big part of the product that would become the start-up's specialization
- Programmed a robot to work as a receptionist using VueJS for the frontend and Python for communication with the robot's limbs
- Implemented an Android solution for the robot's microphone. I was the only person in the team with Android experience

VOLUNTEER & INVOLVEMENT

SOFTWARE TECHNICIAN

Engineers Without Borders | Jul 2020 – Present

- Building a computer room for a school in Tanzania
- Implementing a client/server solution to build a classroom environment on Raspberry Pis

FLY A ROCKET! PARTICIPANT

European Space Agency | Nov 2020 – Oct 2021

- Selected as one out of 24 students from Europe
- Hands-on rocket science course

SHAOLIN KUNG FU STUDENT

YunTai Martial Arts School | Jul 2019 – Aug 2019

- Outside my comfort zone, 6 weeks alone in China

HOBBIES

Running | Philosophy | Friends

Programming | Football | Pink Floyd