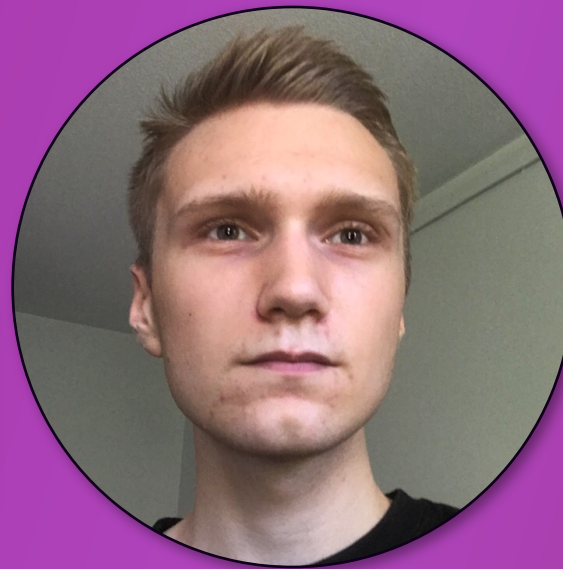


KERKKO KARTTUNEN



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PROFILE

I'm a 20-year-old, second-year computer science student at Aalto University. I'm excited about new opportunities to learn new things. I've been programming and involved with web development for several years because of hobby projects and previous employment. I'm passionate about agile development, problem-solving, and innovating. I'm an avid advocate of bold, simple and functional design.



SKILLS

| | |
|----------------------------------|-----------|
| HTML & CSS (+Bootstrap) | Excellent |
| JavaScript & Node.js | Excellent |
| React | Good |
| Scala | Good |
| SQL (MySQL) | Good |
| NoSQL (MongoDB) | Good |
| Lua | Good |
| UI Design (Lunacy & GIMP) | Good |
| Java | Good |
| C & C++ | Good |
| PHP | Basics |
| 3D Modeling (Blender) | Basics |
| 3D Texturing (Substance Painter) | Basics |
| Finnish | Native |
| English | Fluent |
| Swedish | Decent |

These descriptions are quite subjective, and my skills are probably better displayed on my GitHub, portfolio and this CV design.



EMPLOYMENT

| | |
|--|--|
| FEB – MAY 2020 | Teaching Assistant @ Aalto University, CS-A1150 Databases |
| I will be starting a teaching assistant position at Aalto University for the CS-A1150 Databases course in February 2020. The course teaches relational algebra, UML-design, and MySQL. | |
| Responsibilities: | |
| <ul style="list-style-type: none">• Hosting exercise sessions twice a week in both Finnish and English• Reviewing student projects and assignments | |
| SEP 2018 – OCT 2019 | Modification Developer @ DayZRP.com |
| Part-time volunteer work consisting of programming in | |



EMPLOYMENT CONT'D

a C#/Java-like proprietary language (Enforce Script), designing internal tools and reacting to user feedback.

Responsibilities:

- Implementing "web to server" communication
- Fixing bugs
- Designing new features as suggested by a player base of thousands of players
- Logging different player actions and managing logs
- Urgent bug fixes executed on a tight schedule



PROJECTS

| | |
|---|----------------|
| Aalto University Software Project | SEP 2019 - |
| Almost two-semester length software project course, mostly utilizing Node.js, MongoDB, React and AWS in a real software project for a company. The project uses a modified version of Scrum. My responsibilities so far have been setting up a deployment pipeline to AWS, working with the backend and the MongoDB database, code reviews on GitHub, and designing the frontend. | |
| Aalto University Protocamp | JUN – AUG 2019 |
| Machine vision-based Lua project for recognizing and teaching objects (magazines) from live images, that works in an integrated system composed of SICK's machine vision camera. Created in a team of five for SICK Oy as a prototype. | |
| http://protopaja.aalto.fi/protopaja-2019/sick/ | |



EDUCATION

| | |
|---|-------------|
| Aalto University School of Science | 2018 – |
| Bachelor of computer science, Data science minor | |
| Joensuun lyseon lukio | 2015 – 2018 |
| Finnish Matriculation Examination | |
| Courses: | |
| - Full Stack Open 2019, https://cutt.ly/fso-certificate | |



PORTFOLIO

<https://kerkko.dev>