Mark Moissette

Software Developer

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Hi, my name is Mark, an experienced programmer with a focus on all things Javascript & 3D!

SKILLS

Web Development

javascript | webgl | node.js | streams | electron | html | css | nan

Frameworks

vue.js | react | cycle.js | rxjs | ramda | arduino

Development

algorithms | analysis | c++ | python | elixir | c# | git | dat | p2p

System

linux | docker | cli

Testing

ci | tdd | e2e | unit

3D printing

fdm | mechanical | process

3D design

analysis | low & high poly | wings3d | openscad | openjscad | parametric

Robotics

microcontrollers | sensors | esp8266 | arduino

EXPERIENCE

Web/ Full Stack Developer at Stykka Aps **2018- 2019**

Skills acquired: javascript | webgl | node.js | vue.js | html | css | elixir | cad | cnc | e2e | testing

Development of cnc UI & 3D viewer (Node.js , WebGL, Vue.js, Elixir)

- reuseable, modular software components
- backend & frontend (Elixir, Webpack etc.)
- setup for e2e testing (TestCafe)
- Docker container creation & deployment

Web/ Full Stack Application Developer at Ultimaker **2014- 2018**

Skills acquired: javascript | webgl | node.js | cycle.js | html | css | cad | 3dprinting | parsers | mobile

Development of 3D viewer / modelling /rendering software (Node.js , WebGL, React, Cycle.js)

- reuseable, modular software components
- backend, frontend, mobile app (Browserify, Webpack etc.)
- Docker container creation & deployment (server side webgl rendering etc)
- 3D printing tooling software research & prototyping

Software Developer / 3DP technician at KIT **2014- 2014**

Skills acquired: javascript | webgl | node.js | polymer.js | html | css | elixir | cad | 3dprinting | accessibility

Development of accessibility database (Sight/Hearing/Wheelchair etc.) & UI (Javascript, Polymer)

- Maintenance and use of 3D Printers (creation of custom 3D printed designs etc)
- Development of ui & backend for custom 3D scanner software
- Migration of node-opencv c++ bindings to use Nan