

Miles Johan Bailey-Braendgaard, Software Engineer/Developer

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Nationality

UK, Denmark (EU), and US

LINKS

[Portfolio](#), [LinkedIn](#), [Github](#)

PROFILE

Eager graduate with a background in computer science, arts, and engineering who is ready to develop, learn, and become a proactive member of your team.

Have experience adapting to new languages, IDE's, and technologies and applying them to cross-disciplinary problems.

Technologies I often work with include: **JavaScript, TypeScript, React.js, Node.js, CSS, HTML, MongoDB, SQL, PostgreSQL, Redux, Three.js, Bootstrap, Git/Github, Vercel, Netlify**

EDUCATION

Jun 2022 — Dec 2022

Full Stack Web Developer Program, EPICODE/Strive School

Remote

- High-intensive highly-rated Full-Stack Development Bootcamp (Formerly known as Strive School) focusing on MERN and PERN stack including:
 - Javascript - ES6+, Reactive and Dynamic Web Programming, DOM interactions, HTTP & AJAX, Promises
 - ReactJS - SPA, State & Prop, Classes, Hooks
 - HTML, CSS (Bootstrap, mobile responsiveness)
 - Redux, Typescript
 - NodeJS, ExpressJS, Rest, Middlewares
 - MongoDB, PostgreSQL, Sequelize, SQL, Mongoose CRUD
 - CORS, Cloud and Streaming (SaaS, PaaS, IaaS), CSV
 - Cryptography and Authentication, JWT, OAuth
- Ends late December 2022, able to start work from January 3rd 2023

Aug 2019 — Jun 2022

BSc Prosthetics and Orthotics, Jönköping University

Jönköping, Sweden

- International Society of Prosthetics and Orthotics (ISPO) Accredited Program
- Clinical, tech, and research focused including modules on statistics
- Dissertation on the application, accuracy, and reliability of 3D scanning devices and spatial data processing software in the field

Jul 2017

UNIQ Oxford University Summer School

Oxford, UK

- Official summer school run by the university with specialisation in Engineering and Engineering software including MATLAB and C++

Sep 2014 — Jul 2018

A-Levels and GCSEs, Poole Grammar School

Poole, UK

- 3 A-Levels: Maths, Electronics, and German
- 13 GCSEs: including Maths, Further Maths, Computer Science, and Electronics

AWARDS

Jul 2016

Arkwright Engineering Scholarship

- Competitive UK-based scholarship sponsoring school and extra-curricular projects in Engineering, Computing, and Technical Design, including a placement at UK-based defence firm Ultra Electronics.

EXPERIENCE

Nov 2021 — Jan 2022

Intern Prosthetist/Orthotist, Aktiv Ortopedteknik

Lund, Sweden

- Clinical placement working hands-on with patients and collaborating in multidisciplinary teams within Skåne University-Hospital.

- Adapted quickly to a new patient records databases and software, gained in-depth experience including with Upper Limb Prosthetics.

Oct 2019 — Nov 2019

Intern Prosthetist/Orthotist, Aktiv Ortopedteknik

Malmö, Sweden

- Worked with Malmö P&O specialties such as custom corsets and braces.

Aug 2020 — Aug 2021

Writer, EDIT Newspaper

- Wrote articles on topics such as social issues and art for both the physical and online editions of the Jönköping University student newspaper.

May 2019 — Dec 2019

Software Developer, Culture Hustle

Bournemouth, UK

- Primarily coded in AIML 2.0, HTML, and JavaScript, developed an AI 'Chatbot' for the company to aid in marketing and customer support and UX.

Mar 2019 — Jun 2019

Production Assistant, Culture Hustle

Bournemouth, UK

- Assistant to British artist, creator, and activist Stuart Semple in both manufacture of commercial art supply products and maintenance of art studio space.

Jun 2015

Software Engineering Work Experience, Siemens Traffic Solutions

Poole

- Shadowed software engineering department whilst learning about and designing junction traffic sorting algorithms in C#.

SKILLS

- Main languages are **JavaScript/TypeScript**, but have some experience with **C#** and **Solidity**, and would be able to quickly learn and adapt to others languages/frameworks required
- **React.js, Node.js, CSS, HTML, MongoDB, SQL, PostgreSQL, Redux, Three.js, Bootstrap, Git**
- Experience with 3D modelling, scanning, printing, and gait analysis software including Canfit, Paromed, Autodesk, Vxelements, Visual3D, and Qualisys
- People- and detail-oriented, with experience organising and hosting events, trips, and student support in the Jönköping University Student Union

LANGUAGES

English	Native speaker	Danish	Highly proficient
Swedish	Highly proficient	German	Good working knowledge

HOBBIES

Languages - learning Mandarin; Music - play the bass and piano; Hiking- every other weekend;