

# Miles Johan Bailey-Braendgaard, Software Engineer/Developer

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Nationality	UK, Denmark (EU), and US
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LINKS	<a href="https://milesbb.tech">milesbb.tech (Portfolio)</a> , <a href="#">LinkedIn</a>
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PROFILE	<p>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.</p> <p>Have experience adapting to new languages, IDE's, and technologies and applying them to cross-disciplinary problems.</p>
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## EDUCATION

Jun 2022 — Dec 2022	<b>Full Stack Web Developer Program, EPICODE/Strive School</b>	Remote
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- 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	<b>BSc Prosthetics and Orthotics, Jönköping University</b>	Jönköping, Sweden
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- 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	<b>UNIQ Oxford University Summer School</b>	Oxford, UK
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- Official summer school run by the university with specialisation in Engineering and Engineering software including MATLAB and C++

Sep 2014 — Jul 2018	<b>A-Levels and GCSEs, Poole Grammar School</b>	Poole, UK
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- 3 A-Levels: Maths, Electronics, and German
- 13 GCSEs: including Maths, Further Maths, Computer Science, and Electronics

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## AWARDS

Jul 2016	<b>Arkwright Engineering Scholarship</b>
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- 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.

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## EXPERIENCE

Nov 2021 — Jan 2022	<b>Intern Prosthetist/Orthotist, Aktiv Ortopedteknik</b>	Lund, Sweden
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- 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	<b>Intern Prosthetist/Orthotist, Aktiv Ortopedteknik</b>	Malmö, Sweden
	<ul style="list-style-type: none"> <li>Worked with Malmö P&amp;O specialties such as custom corsets and braces.</li> </ul>	
Aug 2020 — Aug 2021	<b>Writer, EDIT Newspaper</b>	
	<ul style="list-style-type: none"> <li>Wrote articles on topics such as social issues and art for both the physical and online editions of the Jönköping University student newspaper.</li> </ul>	
May 2019 — Dec 2019	<b>Software Developer, Culture Hustle</b>	Bournemouth, UK
	<ul style="list-style-type: none"> <li>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.</li> </ul>	
Mar 2019 — Jun 2019	<b>Production Assistant, Culture Hustle</b>	Bournemouth, UK
	<ul style="list-style-type: none"> <li>Assistant to British artist, creator, and activist Stuart Semple in both manufacture of commercial art supply products and maintenance of art studio space.</li> </ul>	
Jun 2015	<b>Software Engineering Work Experience, Siemens Traffic Solutions</b>	Poole
	<ul style="list-style-type: none"> <li>Shadowed software engineering department whilst learning about and designing junction traffic sorting algorithms in C#.</li> </ul>	

## 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
- 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

<b>English</b>	Native speaker	<b>Danish</b>	Highly proficient
<b>Swedish</b>	Highly proficient	<b>German</b>	Good working knowledge

## HOBBIES

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