

# MATTHEW BARNES

## Contact

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**GitHub:**

<https://github.com/mb2g17>

**LinkedIn:**

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## Skills & Abilities

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- Front-end experience with HTML, (S)CSS, JavaScript, TypeScript, Bootstrap, Vue.js and React.js
- Back-end experience with MySQL, NoSQL, PHP, Symfony and Django
- Mobile dev experience with Android SDK and NativeScript
- Game dev experience with Unity, LibGDX, SDL and Cg
- General programming experience in C#, C++, C, Java and Python
- Experience with version control (Git and GitHub)
- Experience with cloud-based services (Heroku and Azure)

## Experience

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**Gearset**

July 2020 – September 2020

I worked on various parts of the Gearset app, including DevOps integration, Salesforce backups and data / metadata deployments. I learned the importance of working in a team, as well as the differences between working on software projects in industry and working on personal projects.

**Cheam High, Software Developer**

August 2015, 2 weeks

At Cheam High, I performed various programming tasks, such as creating a bell program used for parents' evening. I learned how to apply user feedback to projects and how to adapt my code style for others.

**THP, Accounting Assistant (Work Experience)**

July 2014, 2 weeks

At THP, I performed tasks such as maintaining folder organisation and working with Microsoft Excel spreadsheets.

## Education

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**University of Southampton**

2017 – 2021

Software Engineering with Masters

Achieving overall 1<sup>st</sup>

- Includes Algorithmics, Machine Learning Technologies and Cloud Application Development
- Bachelor Thesis: Animation, Visualisation and Computation of Large Automata

**Bournemouth School**

2015 – 2017

A Levels:

- A\* Computer Science
- A\* Maths
- A Further Maths
- B Physics

**Cheam High School**

2010 – 2015

Eleven GCSEs, A\* - B including Computer Science (A), Maths (A\*) and Further Maths (A\* with distinction)