

# Andrei Barstan

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## Personal Summary

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I am an ambitious software developer who enjoys exploring and solving problems in both front-end and back-end development. As an IT graduate, I have developed an efficient and responsible approach to tackle tasks I am presented with, being able to create logical and innovative solutions to various problems. For each project, I am thorough and precise in my research and development, whilst adhering to the requirements as well as the timeline. I am always excited about challenges and learning more, therefore I am seeking a position which will allow me to use and grow the skills I have developed so far.

## Software projects

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- Following completion of two Python courses, including a Python Bootcamp and a data structures and algorithms course, I have created several mini projects including:
  - **Web scraper** that notifies the user when an Amazon product is in the desired price range.
  - **GUI quiz** using an API endpoint to access various quiz questions (designed using OOP)
  - **Automated birthday email notification** based on data records stored locally.
- During my academic course, I have participated in a project within the university, where I made use of Python (Pandas) to analyse data extracted from an API. During this project, I made use of various project management tools to collaborate and organize the workflow such as Trello and [GitHub](#).
- Created an **e-Commerce website** using PHP, HTML, CSS, JavaScript, and MySQL.
- **C# console application (OOP design)**, representing a calendar that handles events for a hotel.

See portfolio for more details: <http://andreibarstan.herokuapp.com>.

## Education

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### BSc (Hons) Computer Science - 1<sup>st</sup> class degree

University Centre Colchester – validated by the University of Essex (graduated in 2022)

**Baccalaureate** – (A levels equivalent: AAB)

## Skills

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- Made use of technologies like **Python, HTML, CSS, JavaScript, C, .NET, PHP, SQL**.
- Problem solving and logical thinking
- Numerical and analytical abilities
- Able to generate flowcharts, layouts, diagrams, and code comments as per requirements
- Passion and drive to continuously self-develop and explore new technologies that would help me further my programming skills

## Other work experience

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Held managerial positions in hospitality as Head Chef and Sous Chef (4 years prior the university course), which enabled me to develop transferable skills like efficient teamwork and collaboration (also liaising with customers to satisfy tailored needs), time management, adhering to strict guidelines and budgets, as well as multitasking, accuracy, attention to detail and performing under pressure.