

Alex Betts

Software Developer

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Skills

- Programming language polyglot
- UI/UX design
- Git and SVN version control
- Web development
- Mobile development
- Agile project management
- Leadership
- Always eager to learn

Hobbies

- Programming
- Origami
- Painting
- Hiking
- Travelling
- Swimming

Personal Profile

I am a skilled and highly-driven software developer. I am constantly searching for exciting new challenges and I always strive to learn something new every day. I have been writing code ever since I was a little kid, and I started my programming journey with an Arduino. Since that day, I've been hooked on code, and I've taken every opportunity to further my education in the field and taken on many projects in a variety of languages.

I graduated from university with a first class honours degree in computer science with AI. During my time there, I had one year of industry experience as a student software engineer at Edwards Vacuum. Today, I am a graduate software engineer at Edwards Vacuum, where I mostly write JavaScript, Flutter/Dart, C#, Rust, and Python code. I frequently take initiative and often spearhead the development of useful tooling and services for my team and the company, as well as the migration and improvement of current systems to more stable and secure technologies.

Work History

GRADUATE SOFTWARE ENGINEER

Edwards Vacuum Ltd. | Eastbourne, UK | Aug '23 - Present

Responsibilities:

- Work as part of a team to develop the new common controls platform UI
- Lead the conversion of a big project to a more modern and stable development framework
- Develop useful tools for the team to improve productivity and development speed

STUDENT SOFTWARE ENGINEER

Edwards Vacuum Ltd | Eastbourne, UK | Aug '21 - Aug '22

This was my Year-in-Industry as part of my computer science course at University.

Responsibilities:

- Work with a team to develop customizable software which can display, manage, and control the vacuum pump systems
- Participate in scrum meetings, such as the daily stand-up and end-of-sprint planning
- Create code reviews of my changes and review other team members' code
- Present new additions or fixes to the software in the end-of-sprint review meeting

STUDENT SOFTWARE ENGINEER

Edwards Vacuum Ltd | Eastbourne, UK | Jun '20 - Sep '20

This was a summer placement position where I was tasked with developing a student project.

Responsibilities:

- Design a physical device which interfaces with the vacuum pump controllers and collects data for display
- Create a cross platform application to view and manage the data gathered from the pumps and show any warnings or errors
- Participate in scrum meetings, such as the daily stand-up
- Frequently create and respond to code reviews for any new additions to my project
- Demonstrate to the team new features that I added

FLOOR ASSISTANT

Flamingo Amusements | Hastings, UK | May '19 - Sep '19

This was a summer job I undertook to earn extra money for University.

Responsibilities:

- Refilling machines and replacing tickets, as well as troubleshooting problems
- Assisting people with problems and answering any questions they have
- Replacing stock in the prize shop and exchanging tickets for prizes
- Cleaning the machines, dusting, emptying bins, and vacuuming in the evenings

OFFICE ASSISTANT

Motus Zentrum für Physiotherapie | Stuttgart, DE | Aug '17 - Aug '17

This was a two week volunteer position.

Responsibilities:

- Scanning patient receipts onto the system and updating records
- Replacing towels and sheets from each room after use
- Cleaning workout machines and mats
- Assisting therapists with some patients

ENGINEER APPRENTICE

Wilmoth's Citroen | Hastings, UK | May '16 - May '16

This was a two week work experience, supervised by my secondary school.

Responsibilities:

- Replacing parts on vehicles such as brake pads and lights

- Replacing oil and other fluids in the vehicles
- Diagnosing problems with automatic cars
- Diagnosing problems with embedded systems such as navigation

ASSISTANT WEB DEVELOPER

Battle VA | Battle, UK | Mar '15 - Aug '18

Responsibilities:

- Communicating with the customer to discuss ideas
- Taking customer's notes and designs and making a skeleton website
- Adding functionality to the website once the customer is happy with the design
- Responding to feedback and improvements, and modifying the website

Education

BSc COMPUTER SCIENCE WITH ARTIFICIAL INTELLIGENCE

University of Kent | Canterbury, UK | Sep '19 - Jun '23

Grade achieved: BSc first class with honours

A LEVELS

Bexhill College | Bexhill, UK | Sep '17 - Jun '19

Subjects taken:

- Computer science
- Electronics
- Mathematics

GCSE

Claverham Community College | Battle, UK | Sep '12 - Jun '17

Certificates

All my certificates can be viewed on my [LinkedIn](#) profile.

CAREER ESSENTIALS IN CYBER SECURITY

Dec '23 | Microsoft and LinkedIn

Professional Certificate

FIGMA ESSENTIALS TRAINING: THE BASICS


Nov '23 | LinkedIn Learning


Course Certificate

References

BRETT LAWRENCE


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DOMINIQUE CHU

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MARK SHEPPARD

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