

# JAMES CRAIG BEECH

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## EDUCATION

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University of Kent, Canterbury 2022-2025

### BSc (Hons) Computer Science

- Web Development, Computer Systems, Software Development.
- Applied agile development methods to build applications using Java and C#.
- Collaborated on group projects to gather requirements, build and test applications and websites, applying project management skills and personal organization.
- Developed websites using HTML, PHP and JavaScript, and relational databases using SQL.
- Designed and delivered presentations on Software Development Sprints and IOT Prototypes using Microsoft PowerPoint.

JESS Dubai Arabian Ranches 2009-2022:

- International Baccalaureate: Total 32 Points
  - Higher Level: Computer Science, Geography, Mathematics
  - Standard Level: Physics, English, Spanish
- 9 GCSEs including Computer Science (8), Maths (8) and English Language (6)

## PROJECTS

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- **Procedurally Generated and Reinforcement Learning Game:** Implemented procedural map generation and training agents to track a player.
- **Hospital Management System:** Applied Agile development to produce frontend and backend.
- **Hotel Database SQL:** Designed and Implemented a PostgreSQL database
- **Fintech Banking Application:** Built with MVC structure using jQuery, PHP and JavaScript.

## COMPUTING SKILLS

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- Programming Languages: Proficient in 9 languages including Python, Java, C, C#
- Web Development: HTML, CSS, JavaScript
- Database Management: SQL, PHP
- Software Tools: Git, Visual Studio Code, IntelliJ, Microsoft Office

## WORK EXPERIENCE

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MACE Construction, Dubai

### Project Management Assistant (Work Experience)

- Gained hands-on experience at the Expo 2020 Dubai site, developing understanding of construction processes and project lifecycle management.
- Followed instruction to complete project management tasks using time management and attention to detail across 3 different expo areas
- Allocated teams to required tasks to maximise resource efficiency and diversify the workload across the 2 different projects
- Completed progress reporting tasks using Excel to manage team progress.

## ACHIEVEMENTS

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- **Duke of Edinburgh Bronze and Silver Awards:**
  - Developed skills in leadership, teamwork, and problem-solving through expeditions and community service projects.
- **Kenya Trip:** (Camps International)
  - Coordinated the construction of 4 classrooms to completion, followed instructions and collaborated with fellow volunteers.
  - Enhanced cultural awareness and empathy by engaging with local communities.

## INTERESTS

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- **Fitness:** Regular gym-goer and member of the University of Kent Barbell Society.
- **Technology:** Enthusiastic about new technology and learning new systems and technologies.