

Zhening ZHU

School of Computer Science, University of Nottingham

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EDUCATION

University of Nottingham (Ningbo China & UK)

2020.09 – 2024.06

BSc Computer Science (2+2)

First-class Honours expected (GPA: 4.0/4.0)

- 2020-2021 Zhejiang Provincial Scholarship, 2021-2022, 2022-2023 Provost's Scholarship

KEY SKILLS

Programming Languages: Java, C, C#, Haskell, JavaScript, MATLAB

Version Control: Git

Web: HTML, CSS, Node.js, React.js, Express.js

Databases: SQLite, MongoDB

RELEVANT EXPERIENCE

Full-stack Developer Intern, uFair

2022.04 - Present

- Managed daily maintenance of frontend and backend systems, as well as MySQL databases
- Designed and developed UI and new features used in the campus check-in activity for freshmen, facilitating their understanding of the campus structure

Firefight Training Simulation Software, Research Placement

2022.06 - 2022.10

- Researched existing VR games and firefighting simulation products
- Designed and implemented a firefight training simulation software for both Windows and Oculus Quest platforms, and explored the impact of different training media and interaction methods on effectiveness, and designed user experiments

PROJECTS

Flying Disc World | Unity, C#

2023.07 - Present

- Participated in the design and development of a 3D MOBA frisbee game: actively collaborated with design members, contributed to the character controller and skill system

Minesetter | Unity, C#

2023.07 - 2023.07

- Participated in GMTK game jam themed on "Roles reversed", independently designed and developed a 2D game based on the pattern of Minesweeper in 48 hours

Use of Colour for Data Vis | MERN stack

2022.10 - 2023.05

- Assisted team members in getting familiar with the MERN stack
- Designed and built web page for 60% of the pages, independently set up the database, backend server, and API documentation, completed an integrated tool for annotating, validating, and searching of 30k visualization image database, received positive feedback from the supervisor

EXTRACURRICULAR

IT Member of Vis-à-vis, University of Nottingham Ningbo China

2020.10 - 2021.10

- Held events including the Official Freshmen Welcome Gala – "Show Night", designed whole series of graphics and videos for the show, and received plenty of positive feedback

Designer of YEAction (Enactus), University of Nottingham Ningbo China

2020.09 - 2021.06

- Participated in animal caring programme, designed graphics including posters, logos, etc., won Dream Scholarship, and won 1st prize in the Global Teenager Society Creation Competition

Participant in Datawhale (Computer Vision) Summer Camp, Online

2023.07 - 2023.08

- Participated in competition on farmer identification contributing to the accuracy and efficiency for farm management and agricultural product traceability, won the 3rd prize

INTERESTS

- Enjoy art (graphics design), motion graphics, animation and film
- Enjoy indie game, love themes related to non-Euclidean world, optical illusion, meta and puzzle
- Previous flutist in the high school orchestra, with 10+ years playing the flute