NICHOLAS HILL

Software Developer

@ nicholasjhill@live.co.uk   📞 (+44) 7763047785   📍 50 Oakwood Drive, St Albans, Herts, AL4 0XD

% nicholasjhill.com   in linkedin.com/in/nicholas-j-hill   ⚙ github.com/nickjhill14

EXPERIENCE

Associate Software Developer
ThoughtWorks

📅 Feb. 2020 – Present   📍 London

- Advocating software excellence by utilising Agile methodologies.
- Working across the tech stack using a wide-range of technologies.
- Involved in a project located in Porto Alegre, Brazil for one month:
  – Developed with React, CSS, Spring Boot, MyBatis, and PostgreSQL.
  – Worked with non-devs to analyse stories and facilitate sessions.
  – Planned, coordinated, and presented weekly client showcases.
  – Configured and managed GoCD pipelines.

English Teacher
Cannan Kindergarten

📅 Nov. 2018 – Jun. 2019   📍 Hong Kong

- Utilised previous experience to improve student learning.

Teacher
Smartforce International Kindergarten

📅 Sep. 2017 – Jul. 2018   📍 Shenzhen

- Motivated and inspired students, encouraged learning via experience.

PROJECTS

Autonomous Robot Image Tagging System
University of Nottingham

📅 Sep. 2014 – Jul. 2015

- A system composed of an autonomous image-capturing robot and a web app allowing users to tag objects for improved image recognition.
- Coordinated an Agile development team comprised of various cultures and backgrounds.
- Lead developer for the front-end of the web app and UI developer for the tagging interface.

Teach Me Maths
University of Nottingham

📅 Sep. 2015 – Jul. 2016

- An Android app that utilised visual aids and tools to support young people with visual impairments.
- An integrated web app for data analysis from the Android app.
- Individual project developed using Java, SQL, Node.js, HTML, and CSS.

Bench-Press Sense
University of Nottingham

📅 Jan. 2017 – Jul. 2017

- A system that processes and analyses sensor data gathered from a user bench-pressing a barbell.
- Provides performance metrics and safety information.
- Individual project developed using Python and Raspberry PI.

EDUCATION

Masters in Computer Science (1st Class)
University of Nottingham

📅 Sep. 2013 – Jul. 2017

Areas of Study:
- Advanced Computer Networks
- Application Programming
- Software Quality Management
- Mixed Reality Technologies
- Computer Security

A Levels in Mathematics, Geography, & IT
Beaumont School Sixth Form

📅 Sep. 2011 – Aug. 2013

GCSEs incl. Science, Business, & English
Beaumont School

📅 Sep. 2009 – Aug. 2011

SKILLS

Java   Python   Web Development

React   Spring   Bootstrap

Agile   TDD   Microsoft Office

ACHIEVEMENTS

🏆 **7Digital/Esendex Prize for Software Quality**
The development of an Autonomous Robot Image Tagging System.

🎮 **C++ Hall of Fame, University of Nottingham**
One of the highest attaining C++ game projects of the year.

🈯 **HSK Level 3**
Received a score of 91% in the Chinese Language Proficiency Test.

🎓 **GA Level 3**
Received a score of 97% in Teaching English as a Foreign Language.

LANGUAGES

English   ●●●●●

Mandarin Chinese   ●●●○○