Anya Stiefbold

anya.stiefbold@gmail.com | (UK) +44 7857 971363
(US) +1 513 237 5016

EDUCATION AND HONOURS

University of Glasgow | Glasgow, Scotland   Expected Graduation 2024
Degree Program: Computer Science Bsc   GPA: 17.9
Undergraduate Excellence Scholarship

East Chapel Hill High School | Chapel Hill, NC, USA   2017-20
 · National Honours Society member   GPA: 4.0
 · Completed six Advanced Placement (college/university credit) courses in
   the fields of: Computer Science, Calculus BC, Statistics,
   Earth Science, US History, English Literature, English Language

Wyoming High School | Wyoming, OH, USA   2016-17
 · Outstanding World Studies 1 Student   2017
 · Outstanding Spanish 1 Student   2017

WORK EXPERIENCE

NSF REU at Harvey Mudd College | Claremont, CA, USA   May 2022 - Aug 2022
Intern Researcher
 · Designed and built a web application to enable user navigation and annotation of
   Shakespeare's works
 · Extensive use of React.js, Material-UI, and XPath to optimise coding and user
   experience
 · Research and project presented at Harvey Mudd and the REU SoCal Symposium

The Pita Grill | Chapel Hill, NC, USA   Aug 2018 - Feb 2020
Server
 · Host and server responsible for a welcoming environment and order accuracy
 · Effectively managed time to work and achieve honours status in school
 · Used earnings to purchase equipment for digital illustration and college savings

East Chapel Hill High School One Acts | Chapel Hill, NC, USA   2018
Lead Prop Designer
 · Led team responsible for designing & building props for five individual one-acts
 · Responsible for effective communication between directors, producers, and builders

UNIVERSITY COURSE PROJECTS

Network and Operating Systems   Fall 2021
 · Built network application using Python socket library
 · Developed and tested code to meet defined functional specification
 · Developed efficient coding and debugging techniques

Semester 2 Final Project   Spring 2021
 · Designed and implemented an efficient data structure to aid data analysis
 · Manipulated a database without Python helper libraries
 · Applied Matplotlib to design and program data visualisations for complex data sets

COURSEWORK AND SKILLS

Coding Languages: Python, Java, HTML, Javascript, CSS, XPath

Software: React.js, Material-UI, Grommet, Krita, Procreate, Google Docs, Google Sheets, Google Slides, Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Adobe Illustrator, Adobe Premiere Pro

Languages: English (native), Spanish (intermediate), German (beginner), Portuguese (survival)

Courses: Java Programming, Algorithm Foundations, Networks and Operating Systems, Introduction to Computational Thinking, Computing Systems, Algorithms and Data Structures, Object Oriented Software Engineering, Web App Development

Current Courses: Algorithmics 1 (H), Interactive Systems (H), Prof Software Development (H), Data Fundamentals (H), Systems Programming (H), 3rd Year Team Project (H)

EXTRACURRICULAR

Digital Art
- Working with clients to create what they envision
- Planned and executed 2D animations for 56k followers on TikTok

Glasgow University Historical Swordsmanship - Historic European Martial Arts
- Club treasurer