

Arpan Mukhopadhyay

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E-Portfolio: www.arpanmukhopadhyay.com/ | Phone: 0431 412 872 | GitHub: github.com/ArpanMukhopadhyay

Education

Bachelor of Computer Science (Advanced)

Feb 2021 - Current

The University of Adelaide, Adelaide, SA

GPA: 6.0

Relevant Coursework: COMP SCI 1102 - Object Oriented Programming, COMP SCI 1104 – Grand Challenges in Computer Science, COMP SCI 1106 - Introduction to Software Engineering

Experience

BIECreative

Nov 2021 – Current

Casual Web Developer

- Engineered scalable, responsive, multi-platform and SEO friendly websites for clients using HTML5, CSS3 + BEM, Flexbox, WordPress, Elementor and JavaScript best practises.
- Included SEO, multi-platform supported responsive design and hosting support, enabling business and their websites to be viewed by clients across the globe.
- Improved client satisfaction and project turnover rate by approx. 10%

Biology / Computer Science Tutor

Dec 2020 – Current

- Tutored students in HTML5, Python, JavaScript, CSS, and Flexbox best practices
- Simplified difficult programming concepts including responsive website development, CSS layout, Promises API requests and basic Object-Oriented Programming principles.
- Assisted students in understanding anatomical and neuroscience related terminology and mechanisms.

Projects

E-Portfolio

Sep 2021 – Current

<https://github.com/ArpanMukhopadhyay/main-eport>

- Designed, developed, and hosted an e-portfolio using semantic HTML5, CSS3 (+BEM) and JavaScript best practises
- Provided support for search engine optimisation for higher indexing through Google's search engine crawler
- Included responsive and multi-platform support to enable the portfolio to be viewed on any platform and device

Sudoku Solver

Nov 2021 – Dec 2021

<https://github.com/ArpanMukhopadhyay/sudokuSolver>

- Personal project developed in Python3 to solve a given sudoku board in the form of an M x N matrix
- Utilised elements of Dynamic Programming, Recursion, matrix manipulation and backtracking to improve ability to think algorithmically.

Extracurricular

Societies and Clubs: Computer Science Club member, Open-Source Collective (Google Student Developer Club) member, Competitive Club Member, Code Camp AU: Staff Member

RSP (Nov 2021 – Feb 2022): Was one of the 170 of 220 applicants who were accepted into, and one of only 80 who successfully completed an **intensive data structures and algorithms course** coordinated, delivered, and mentored by University of Adelaide Computer Science postgraduates designed to prepare students for future work.

Adelaide CPC Ladder Participant (Feb 2021): Participated in a running ladder created by the Competitive Programming club with questions sourced from the **South ICPC 2020 Division 2** contest.

JPMorgan Chase & Co. Virtual Experience Program Participant 2021 (Aug 2021) – 7 Hours

- Participated in the open access JP Morgan Virtual Experience with Forage.
- Tasks Completed include:
 - Interface with a stock price data feed
 - Use JPMorgan Chase Frameworks and tools
 - Display Data visually for traders

Technical Skills

Proficient: HTML5, CSS(BEM), SVN, Python3, JavaScript ES6+, npm, Git, GitHub, WordPress, Elementor

Familiar: SASS, R, MATLAB, C, C++, Java, ReactJS