Pav Sidhu

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Experience

Revisify
2015 - 2017
- A self-developed exam revision tool used by 3000 students and teachers around the world
- Used Python with Flask, MySQL, Cloudflare, JQuery and AJAX
- Learned how to write readable, scalable and maintainable code.
- Managed the marketing and finance

DayNote
2017
- An open source daily journaling app
- Built using React Native and Firebase
- Learned how to write ES6 Javascript

Customer Consultant
2016
- Worked in a 5 person team at phone retailer Carphone Warehouse
- Gained insight in the importance of understanding and empathising with customers
- Learned how to successfully coordinate with other team members

Freelance Work
2014 - Present
- I last worked with a client to build a desktop app using Electron, React, MobX and Puppeteer
- Completed UI design work with several other clients

Volunteering at Code Club
2016 - 2017
- I taught primary school children how to code using Python, Scratch and Raspberry Pis
- I learned how to explain difficult concepts and have patience with others

Callly
2017 - Present
- Currently working on a simple calorie tracking app for iOS and Android
- Using React Native with GraphQL
- Concurrently building react-native-simple-forms, an open source React Native forms library

Technical Skills

- Python
- Java
- OCaml
- SQL (MySQL, SQLite)
- APIs
  - REST
  - GraphQL
- Git
- Docker
- Visual Studio / Eclipse
- Amazon Web Services
- HTML & CSS
- Javascript
  - ES6
  - JQuery
  - Node.js
  - React / React-Native
  - Electron
  - Redux / MobX
- Adobe Illustrator
- Sketch / Adobe XD
- Firebase

Education

University of Birmingham
2017 - Present
- BSc Computer Science (second year)
- Achieved a 1st during my first year
- Expected to graduate in 2022

Stanwell School (A Level)
2015 - 2017
A* Computer Science
    Top 10 in the UK
    Stanwell Computer Science Award 2017
A Maths
A Welsh Baccalaureate
B Physics

Westbourne School (GCSE)
2010 - 2015
- Achieved 5 A*s, 5 As and 1 B
- Achieved Senior Mathematical Challenge Bronze twice
- Completed Bronze Duke of Edinburgh award

Interests

- Weight training and health
- Personal development
- Watching films and TV series
- Reading books and listening to podcasts