**Vincenzo "Vinny" Mann Full-stack Developer**

I have 2 years of industry experience and a First-Class BEng Computer Systems Engineering degree. My strong communication skills and positive, determined and open-minded attitude make me a valuable team player. I work diligently, methodically and efficiently in any task and I'm always willing to learn new concepts, skills or frameworks that can strengthen my knowledge, code quality and task delivery. I have a keen eye for detail and I love using my creativity to design solutions and contribute ideas.

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| |  |  | | --- | --- | |  | **Software Projects (Go to my** [website](https://vincenzo-mann-portfolio.herokuapp.com) **for more)** | | **Raspberry Pi Smart Home PWA** (Dissertation project)   * IoT home automation system real-time progressive web app * Front-end: JavaScript, HTML, CSS, React, Redux * Back-end: Firebase (Firestore, Real-time Database, Authentication, Hosting), Python * User controls and automates system using PWA interface which communicates via Firebase to a Raspberry Pi in real-time to sensors and actuators   **Ball Balance Game**   * Real-time embedded system on an Arm Cortex-M7 board. UI and hardware logic are written in C * A gyro/accelerometer controller controls three servo motors to make the platform tilt accordingly and move the ball atop | | |  | **Employment History** | | Sep/20  Nov/19 | **Junior Full-Stack Web Developer**  *Adludio, London*   * I built web apps based off designs that were used for colleagues and clients to improve campaign management * I designed and implemented back-end architecture to connect our web services with data * I worked in teams to plan, design and manage our current and upcoming projects | | Aug/18  Sep/17 | **Software Engineer Intern**  *Noritake-Itron, Great Yarmouth*   * My in-house applications were employed to improve workforce productivity * I launched a new company research project to showcase their HMI TFT touch screen capability * I prevented company mishaps by error-checking important code | | Aug/18  Oct/15 | **RAF Reserve Officer Cadet**  *Cambridge University Air Squadron, RAF, Cambridge*   * I organised and managed logistics for expeditions by liaising with other squadrons * I improved personal development by completing mentally and physically demanding leadership and teamwork exercises | |  | **Education** | | Jun/19  Sep/15 | **Bachelor of Engineering (First-Class):**  **Computer Systems Engineering with Year in Industry**  *University of East Anglia, Norwich*   * Modules: OOP, Software Engineering, Cyber Security, Web-based Programming, Networks, Database Systems * Elected as President and formerly Captain for Ultimate Frisbee sports club | | Jun/15  Sep/13 | **A-levels**  *SEEVIC College, Thundersley*   * ABC: Biology, I.T, Mathematics | | Jul/13  Sep/08 | **GCSEs**  *Chase High School, Southend*   * Four A's including Maths, Four B's * Three BTECs including I.T | | |  | |  |  | | --- | --- | |  | **Contact** | | **Address**  24 Beresford Road,  Southend, SS1 2TW  **Phone**  07530 700160  **E-mail**  [vincenzomann@outlook.com](mailto:vincenzomann@outlook.com)  **Website**  <https://vincenzo-mann-portfolio.herokuapp.com>  **LinkedIn**  <https://www.linkedin.com/in/vincenzo-mann>  **GitHub**  <https://github.com/vincenzomann> | | |  | **Tech Stack** | | |  |  | | --- | --- | | **JavaScript**  **HTML**  **CSS**  **React**  **Node.js**  **Express.js** | **TypeScript**  **SQL**  **NoSQL**  **Firebase**  **Git** | | | |  | **Courses** | | React - <https://codewithmosh.com/p/mastering-react>  Node.js, MongoDB and Express - <https://codewithmosh.com/p/the-complete-node-js-course> | | |  | **Skills** | | TDD  Agile development  Teamwork  Problem-solving  Written and verbal communication | | |  | **Interests** | | Tabletop role-playing games  Ultimate Frisbee  Playing the guitar  Outdoor exploration (Bronze DofE team leader) | | |