Kent Concengco

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Skills

Technologies:	Java, Python, JavaScript, HTML, CSS, MongoDB, MySQL, Arduino
Frameworks:	React.js, Node.js, Express.js, JUnit 5, PyTest, MaterialUI, Bootstrap 5, Tailwind CSS
Tools:	Git, VS Code, Eclipse, IntelliJ, PyCharm, Adobe CC, Trello, Figma

Technical Work Experience

Robotics Programming and Research Consultant   **Dec 2017 – Jan 2020**
Self-employed   Angeles City, Philippines

- Mentored over 30 senior high school students in robotics research, resulting to the overall success of Capstone, by conducting code-review sessions and proofreading research papers

Arduino Programming and Basic Circuitry Mentor   **Sept 2018 – Sept 2019**
Commissioned by Angeles City Science High School   Angeles City, Philippines

- Facilitated a series of robotics programming workshops and taught fundamental programming knowledge in robotics, mainly using Arduino, to 70+ STEM high school students

Personal Projects & Research

Breadventory: A Digital Bread Inventory for Langley Farm Market   **Jul 2022 – Aug 2022**
HTML, CSS, JS, Node.js, Express.js, MongoDB, React.js, Chakra UI

- Digitalized the ordering process and bread inventory at Langley Farm Market's deli department by making a full stack MERN web app, reducing a 30-minute work down to 15 minutes.
- Developed a RESTful API to handle user authentication, manage bread records on the database, and calculate the following day's order of bread

BuddyUp: A Chatroullete with User Profile Web App for Gamers   **Apr 2022 – May 2022**
HTML, CSS, JS, Node.js, Express.js, MongoDB, Socket.io

- Designed the real time chat feature, using Socket.io to handle the chat rooms and exchange of text message between matched users
- Created the matching system utilizing MongoDB queries to match users with similar games

FindaPotty: A Yelp-inspired Web Application for Washrooms   **Feb 2022 – Apr 2022**
HTML, CSS, Bootstrap 5, Google Firebase

- Executed the proposed UI/UX design using HTML, CSS, and JavaScript using a mobile-first approach
- Implemented the review feature, allowing users to add their reviews to each washroom post
- Programmed the home page to display the list of all the washrooms posted from Firebase

Atlas: SMS Triggered Wearable Tracking System   **July 2018 – Feb 2019**

- Engineered a wearable tracker using Arduino and a GSM module to send the exact GPS coordinates of the wearer to the registered phone number through SMS within 3-5 seconds
- Wrote a mixed method research paper to evaluate the device by conducting user testing and surveys

Leadership and Extracurricular Experience

Founder of Robotics Org. at Angeles City Science High School   **Jul 2018 – Apr 2019**
Started the organisation for Robotics, leading over 100 students   Pampanga, Philippines

Education

British Columbia Institute of Technology   **Jan 2022 – Present**
Computer Systems Technology – Diploma Program | GPA: 96%   Burnaby, BC