

# Zhecheng Li

lizhecheng97@gmail.com | 672-866-6948 | linkedin.com/in/zhecheng-li-0923b4190 | github.com/psyvalvrave

## Education

---

**Northeastern University Vancouver**, M.S. in Computer Science

- GPA: 4.0/4.0
- **Coursework:** Programming Design Paradigm, Foundations of Artificial Intelligence, Database Management Systems, Pattern Recognition and Computer Vision, Mobile Application Development, Web Development, Algorithms, Research Capstone.

**Suffolk University**, B.S. in Computer Science

- GPA: 3.6/4.0
- **Coursework:** Computer Networks, Object Oriented Programming, Data Structures and Algorithms, Data Science Concept, Operating Systems, Architecture of Computer Systems, Database Concepts.

## Experience

---

**Dell Technologies** – Software Developer Intern  
Shanghai, China

Oct 2022 – Feb 2023

- Improved machine learning models by modifying training data and adjusting data types using PyTorch, TensorFlow, and Keras.
- Collaborated on a team project focused on automating the detection of damaged or depleted factory products using advanced object recognition techniques.
- Tested and debugged an embedded system on a Raspberry Pi integrated with R/C cars, leveraging Linux command-line utilities to validate real-time performance.
- Defined and set precise model targets by mapping input data to expected outputs.

**Xixi Food Company** – Full-Stack Development Intern  
Hainan, China

Feb 2021 – May 2021

- Designed and implemented a front-end web page to streamline inventory management.
- Developed and integrated a MySQL database for efficient storage and retrieval of product inventory data.

## Projects

---

**Mobile App Development**

Find My Lease

- Developed a mobile app for managing property leases using React Native for cross-platform functionality.
- Integrated Firebase for user authentication, data storage with NoSQL, and real-time interactions.

**Java Game Development**

Kill Dr. Lucky Board Game

- Programmed a board game using Java and object-oriented design principles.
- Implemented complex game mechanics including NPC movement and interactive elements.

**Automation, UI & Workflow Integration**

Elvui Freebie

- Leveraging Selenium to automate web interactions and perform background update checks.
- Designed a modern user interface using QT combined with basic CSS for a clean, contemporary look.
- Demonstrates proficiency in integrating workflow automation and action-based triggers.

## Skills & Technologies

---

- **Languages:** English, Chinese
- **Programming:** Python, Java, JavaScript, C++ , SQL, PHP
- **Technologies:** React.js, React Native, Node.js, Express.js, AWS, Windows, Linux, Git, REST API
- **Database Management:** SQL, NoSQL, PostgreSQL, Redis
- **Libraries & Frameworks:** TensorFlow, Keras, pandas, sklearn, OpenCV, MATLAB