

# AUDREY ZHANG

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Auckland Central, Auckland 1010

## CAREER SUMMARY

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### McCarthyFinch

*Intern Software Developer*

May 2018 – Present

*Auckland, New Zealand*

- Self-created algorithms filter positive data to train **Artificial Intelligence (AI)** for existing company products and legal firms, resulting in improved AI accuracy to 90%.
- Over **98% error reduction** due to individual creation of algorithm, versus 40% error reduction with existing AI resulting in extremely high accuracy for over 1000 legal contracts.
- Assist legal counsel with reading complex, extensive documents by creating algorithms that reduce workload and save time, as well as building a functional dictionary of all work completed for database.
- Develop **RESTful APIs** and author technical documentation that can be easily explained, taught, and understood by others.
- Utilize **Visualization** to visually display the data/clauses in a graph or diagram format, with the use of ES6 to create actual diagram.
- Utilize effective communication skills and build rapport to ensure that teams understand project updates and changes.
- *Technologies:* **EMCAScript 6, Node.js, jQuery, Python, Flask, NoSQL database (Neo4J), RESTful APIs, Docker, HTML, CSS, React**

### MVP Studio

*Intern Developer*

Feb. 2017 – June 2017

*Auckland, New Zealand*

- Designed and developed innovative and creative website features , as well as tested new features thoroughly to ensure accuracy.
- Learned and applied new technologies, frameworks, and languages to improve user interface by testing functions and fixing bugs.
- Reviewed detailed coding files and wrote clean, efficient, and readable code.
- Partnered with project leader, developers, and testers to provide necessary progress updates.
- Utilized and applied the full range of tools in the MS Stack.
- Contributed to and participated in architectural discussions and design reviews, as well as daily Scrum meetings and weekly Sprint plannings.
- *Technologies:* **ASP.NET, C#, MVC, Angular, RESTful APIs, JavaScript, jQuery, SQL server, HTML, CSS, Git**

### University of Auckland

*Student Tutor*

Feb. 2017 - June 2017

*Auckland, New Zealand*

- Tutored first-year university students in Computer Science and Maths.
- Assessed learning styles of each student and creatively adjusted tutoring style based on result.
- Affected student information retention and overall grade improvement in 100% of students tutored over one semester period.

## PERSONAL QUALITIES

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- Strong problem-solver that can navigate unexpected challenges that arise with finesse; mindful of all constituents that are or may be affected, and develop viable, deliverable solutions quickly.

- Embody exceptionally high-quality standards when creating software that makes a significant impact on the business.
- Thrive in high-speed start-up environment by effectively with additional pressures, and meeting or exceeding all time constraints and delivering product with 98% or higher accuracy.
- Superior communication skills through collaboration with various teams and stakeholders, including the sharing of information, creative team idea development and the creation of solution-oriented processes that produce outstanding results.
- Partner closely with all constituents and team members to produce quality, cutting edge results
- Skillful writer of quality, maintainable code with extensive test coverage in a fast-paced professional environment.

## EDUCATION

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### University of Auckland, Auckland, New Zealand

July 2016 – Sep. 2018

- Bachelor of Science in Computer Science
- GPA in computer science(15 courses): 6.8/9.0 (average A- grade)
- Overall GPA: 6.6/9.0
- Massey University (Transferred to University of Auckland) Feb.2016 – July 2016

## PROJECT HIGHLIGHTS

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### Animal Rehoming Project, Individual Course Project

2017

An online charitable platform to accomplish UN Sustainable Development Goals (SDGs), target on Animal Rescue. Using n-Tier Architecture (User Interface, Business Object, Business Logic Layer, Data Access Layer, Database) to implement user sign-in, user sign-up, user log out, animal adoption, animal donation, management system as well as analytical dashboard functions.

*Technologies:* ASP.NET, MVC, C#, Bootstrap, HTML, CSS, JavaScript, AJAX, SQL, API, Git

*GitHub link:* [github.com/Audreyzxy/Project-AnimalRehoming](https://github.com/Audreyzxy/Project-AnimalRehoming)

### Clothes Recycling Project, Individual Course Project

2017

*Technologies:* ASP.NET, MVC, C#, Bootstrap, HTML, CSS, JavaScript, AJAX, SQL, API, Git

*GitHub link:* [github.com/Audreyzxy/ClothedRecycling-CaseStudy](https://github.com/Audreyzxy/ClothedRecycling-CaseStudy)

## REWARDS AND HONOURS

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Certificate of Outstanding Achievement in <i>Computer Graphics and Image Processing</i> – University of Auckland (UoA)	2018
Certificate of Outstanding Achievement in <i>Applied Algorithms</i> – UoA	2017
Certificate of Outstanding Achievement in <i>Distributed Objects, Services and Programming</i> – UoA	2017
Certificate of Outstanding Achievement in <i>Programming Techniques</i> – UoA	2017
Certificate of Outstanding Achievement in <i>Computer Systems 1</i> – UoA	2017
Certificate of Outstanding Achievement in <i>Algorithms and Data Structures</i> – UoA	2017
Certificate of Outstanding Achievement in <i>Principles of Computer Science</i> – UoA	2017
Certificate of Outstanding Achievement in <i>An Introduction to Practical Computing</i> – UoA	2016
Certificate of Completion <i>HTML/CSS</i> – Code Avengers	2017
Certificate of Completion <i>JavaScript</i> – Code Avengers	2017

## REFEREE

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References are available on request.