

# **Erick Alexander Mulia Goycoolea**

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## **Education / Achievements**

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### **Software Development Diploma- Bow Valley College (expected graduation 2025)**

#### **BSc. Computer Science – UAM, Universidad Autónoma Metropolitana (2013-2018)**

- 3<sup>rd</sup> year equivalent student.
- Programming languages include: 3 years Java experience, 1 year C experience, UAM Python certified.
- Effectively work with Windows and Linux platforms
- Well versed in English and Spanish

#### **Universidad Autónoma Metropolitana, Java Project**

- Designed and developed a model-based tool for app shopping using Java
- First place, awarded as the best programming code in the class

#### **Universidad Autónoma Metropolitana, Java Team Project**

- Independently designed and developed a prototype for a product administration program focused in the automotive industry in Java
- First place, awarded as the best Java prototype in the class

## **Relevant Experience**

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### **NanoTess - Technology Associate (2023 - Present)**

- Assisted in production, contributing to efficient operations and quality control
- Supported IT tasks, including troubleshooting and system maintenance
- Helped manage company systems, ensuring smooth and effective functionality
- Contributed to clinical data capture and analysis at Beacon Dermatology, improving data management processes

### **PetSmart Canada - Pet Care Associate and Cashier (2023-Present)**

- Provide care and advice for pets, ensuring their health and well-being
- Manage transactions efficiently as a cashier, delivering excellent customer service
- Maintain a clean and organized work environment, restocking supplies and managing inventory

### **Tinnovators, Co-Founder - Software Development Startup (2020-2023)**

- Co-founder of a website and software developer company. Developed websites and software for small businesses
- Client lead, Front-end and Back-end developer

### **Xertica, Google's #1 Latin America Partner - Software Development Intern (2017-2018)**

- Internal App Development
- Server management
- Client Service and Sales
- Online information manager and database management

### **Computing Association UAM - Vice-President (2017)**

- Responsible of finance, sponsorship and events. The association is in charge of enhancing the student experience to better prepare students to real life problems and graduation.

### **Grupo EMFE Productions - Digital and Acoustic Assistant Manager (2016-2017)**

- Oversaw and supported the production and overall computer digital show delivery in concerts, political campaigns and large-scale events.

### **MARE, Gestión de Recursos Empresariales - Extreme Activities and General Assistant (2015-2016)**

- Oversee the safety of the extreme activities in the company, as well as develop team dynamics and schedules.
- Solved a registration problem in the company by implementing a user-friendly program in Excel. This created a computer database and facilitated the registration of the extreme activity users.

### **Fuentes de Coyoacán Residential – IT Administrator (2014-2020)**

- Suggested, implemented and supported IT for the administration of condo fees and maintenance
- This program has reduced work hours, allowed easy input and extraction of information and has made the accounting of the residential administration more efficient.

### **Public Education Secretariat - Volunteer (2013)**

- Taught computer skills and Microsoft Office to low income children with hearing disabilities

## **Other Experience**

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- Hackaton BBVA Bancomer (2017): App development for biometric information management through the creation of a bridge between C and Java Programming Languages. Finalist.
- Global Gaming Jam (2017): 3D game development recognition <http://globalgamejam.org/2017/games/aylin> 2017
- Chinese Embassy Kung Fu presentation (2016): Selected for a Kung Fu presentation for the Chinese year celebration
- 1st Place science competition: Visual fire show with a frequency modulator program 2013
- 3rd Place in Basketball SI UNAM, team captain (2013)
- Musical concert presentations (2007-2008-2009)

## **Interests and Personal**

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- Outdoor Activities: Avid and passionate rock climber and mountaineer
- Martial Arts: Kung Fu, Fencing and Kendo.
- Other activities: Swimming and Music