

IVY GREGORINA WIRSING

Streamwood, IL

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SUMMARY

A life-long active learner. Currently, a full-stack developer with a background of project management as a Product Engineer. Trained at Northwestern University Coding Bootcamp and earned a certificate in full-stack development. Completed Bachelor of Electrical Engineering in National University of Singapore. Multi-lingual, team player and a problem-solver.

EDUCATION

Full Stack Web Development Coding Bootcamp Certificate **2022-2023**

- Northwestern University School of Professional Studies, Evanston, Illinois
- Collaborated with colleagues in creating 3 projects using Agile Methodology
- Completed 16 other challenges
- Grade: A (98.69%)

Bachelor of Engineering (Electrical Engineering) with Minor in Bioengineering **2004- 2008**

- National University of Singapore, Singapore
- Dissertation: "Fabrication of Resonant Cavity LEDs"
- Recipient of Singapore Full Scholarship Program.

EXPERIENCE

Volunteer - Small Group Leader

September 2022 - Present

Crossroads Kids Club

Streamwood, Illinois

Key Accomplishments:

- Led and taught elementary aged kids biblical lessons in a once a week after school program.
- Large group worship leader.

Volunteer - Tax Preparer (Seasonal)

November 2016 - March 2020

Willow Creek Community Church - VITA Program

Barrington, Illinois

Key Accomplishments:

- Studied Publication 4012 and completed certification and training every year for tax preparation.
- Prepared income tax returns using Taxslayer for 12-27 individuals every tax season for free.
- This initiative is called the Volunteer Income Tax Assistance (VITA) program by the IRS.

Volunteer - Connections and Kids Ministry Small Group Lead

April 2014 - March 2016

Mission Church

Bloomington, Illinois

Key Accomplishments:

- Updated church databases with new guest details and connected them to church staff
- Created database for temporary volunteers (i.e. 139 volunteers for 4th July fireworks in the town of Roselle)
- Led and taught a group of 3-6 kindergarten/first grade students on Sundays

- Connected with parents regarding their progress and worked with the kids' needs

Volunteer - Operations

May 2012 - April 2013

South Bay Church (now Echo Church)

San Jose, California

Key Accomplishments:

- Ran hundred of background checks on potential volunteers through ADP
- Maintained an Excel database of applicants to keep track of the progress of their approval
- Utilized FellowshipOne system to connect the church to the volunteers

Product Engineer

October 2008 – July 2011

Avago Technologies (now Broadcom)

Singapore

Key Accomplishments:

- Managed and tracked production yield of 10 light emitting diode (LED) products
- Provided product engineering support, presentations and reports to internal and external customers (Germany, Japan and USA).
- Conducted 8D corrective actions on manufacturing processes to improve production yield and improve reliability of products. This resulted in a step decrease of customer returns.
- Spearheaded the design and development of more robust LEDs.

Project Assistant (Intern)

May 2007 – August 2007

UE Tradetec Singapore Pte Ltd

Singapore

Key Accomplishments:

- Collaborated in designing and drawing the electrical installations for the National Day Parade 2007 (NDP '07) celebration in Marina Bay
- Managed workers in the installation site and assisted project supervisors
- Liaised with professional engineers and Defense Science and Technology Agency (DSTA) for certification of installations on site.

Market Researcher (Intern) –

May 2006 – July 2006

Synovate Singapore

Singapore

- Conducted 200 cold calls and analyzed telephone interview results of companies in the Philippines for an MNC client.
- Honed interpersonal skills and learned useful market analysis skills i.e. use of excel programming (macros).

SKILLS

Softwares/Platforms

- General: AutoCAD, Adobe Photoshop, Microsoft Excel with some Macro programming, Microsoft PowerPoint, Word, Taxslayer, Github, Heroku, Outlook, Matlab
- Front End Web Development - HTML, CSS, JavaScript, Responsive Design, REACT, Bootstrap, Semantic
- Back End Web Development - APIs, Node, Express, MySQL, Sequelize, MondoDB, Mongoose, REST, GraphQL

Languages

- Tagalog (bilingual proficiency), Cebuano (native proficiency), German (elementary)