
Nian En Lee

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SUMMARY

Highly motivated Bioinformatics undergraduate with leadership experience keen on gaining professional experience. Knowledgeable in Object-Oriented Programming (Java, C, and C++) and Data Structures with wet lab experience in laboratory experiment protocol and methods. Some exposure to Bioinformatician tools (BLAST and protein/DNA sequence databases).

EDUCATION

Bachelor of Science in Bioinformatics (Expected June 2018)
University of California – San Diego, La Jolla, CA

WORK EXPERIENCE AND SERVICE

Summer Intern, July 2012

*Molecular Diagnostics Department of A*STAR, Singapore, Singapore*

- Tested effectiveness of various molecular diagnostic kits, which included:
 - Utilizing ultracentrifugation and Polymerase Chain Reaction
 - Preparing and running agarose gel electrophoresis
 - Plating petri dishes with agar, growing and identifying bacterial colonies
- Processed data such as gel electrophoresis results
 - Typical processing included optimizing gel contrast and brightness for greater accuracy in analysis of results

Intelligence Specialist, December 2012 – December 2014

Army Training Evaluation Center of Singapore Armed Forces, Singapore

- Led a team of 3 to create and revise combat proficiency test protocols for use at Battalion level
 - Maintained version control of test protocols at Battalion level
 - Facilitated debriefing presentations and training proposal presentations
- Identified problems and developed solutions as technical support for electronic equipment and military software under field and office conditions
- Strong attention to detail to ensure quality of work

Head of Events Committee, August 2016 – June 2017

Singapore Students Association, University of California – San Diego

- Organized at least 2 campus events per quarter for membership recruitment
 - Accomplished the first successful fundraising event in the history of the association

ADDITIONAL SKILLS

Languages	-	English (Native speaker), Mandarin (Intermediate)
Programming	-	C++, Java, C (in order of familiarity)
Microsoft Office	-	PowerPoint, Excel, Word