

KUNLAKAN (JEEN) CHERDCHUSILP

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CODING AND SOFTWARE SKILLS

PROGRAMMING LANGUAGE: Java, C++, Python, C# and 68000 Assembly Language

WEB/SCRIPTING: SQL, HTML, CSS, and JavaScript

RELEVANT COURSES:

- Technical Writing for Computing Professionals
- Data Structures, Algorithms, and Discrete Mathematics
- Software Engineering
- Operation System
- Database System
- Hardware and Computer Organization
- Bioinformatics (In progress)
- 3D Computer Graphics (In progress)

EDUCATION

BACHELOR OF SCIENCE IN COMPUTER SCIENCE & SOFTWARE ENGINEERING, GPA 3.78
MINOR MATHEMATICS

University of Washington – Bothell, WA

Expected
December 2016

ASSOCIATE OF SCIENCE IN COMPUTER SCIENCE, GPA 3.85

North Seattle College – Seattle, WA

July 2014

PROJECTS

DISASSEMBLER (68000 ASSEMBLY LANGUAGE) – Collaborative

- Designed and implemented disassembler, inverse assembler, for 30 instructions and 8 effective addresses.
- Responsible for designing the program flow and implementing 30 instructions decoder for the disassembler.
- Served as the project leader for team by developing project plans, scheduling regular team meetings, and monitoring progress along with tracking task-completion.
- Created test cases and tested the software, and as well constantly updated testing report.

RECORD STORE INVENTORY (C++) – Collaborative

- Designed inventory system to minimize the complexity when computing to be in between $O(1)$ to $O(\log n)$.
- Built the application using inheritance and polymorphism for its effectiveness and future extension.

BIGTREE RESORT OFFICIAL WEBSITE (HTML, CSS, JAVASCRIPT) – Individual

- Designed and Developed an official website for BigTree Resort, owned by my family in Kamphaeng Phet, Thailand.
- Created room reservation service that send reservation information directly to the hotel receptionist through e-mail.

PROFESSIONAL EXPERIENCE

UNDERGRADUATE RESEARCH ASSISTANT – University of Washington, Bothell, WA

January 2016 - Present

Research area: Bioinformatics in Motif Detection and Analysis

- Research and study the efficient strategy for finding protein network motifs
- Implement network motif detection tool using C++ and SQL.

UNDERGRADUATE RESEARCH ASSISTANT – University of Washington, Bothell, WA

January 2015 - Present

Research area: Cyber Security in Mobile Health Application

- Research best practices with Objective-C in order to develop iOS health application that analyzes users' stress level.
- Research the security aspect of mobile application.

COMPUTER SCIENCE & MATHEMATIC TUTOR – North Seattle College, Seattle, WA

April 2014 – Present

- Listen to students' problem carefully and guide them 1:1 with concepts and assignment.
- Develop learning technique and strategies that resulted in student having a better understanding of the materials.
- Represent the institution in collaborating with *e-tutoring*, online tutoring platform.

TEACHING ASSISTANT (DATABASE SYSTEM) – University of Washington, Bothell, WA

September - December 2015

- Assist professor in designing the course, preparing materials, and understanding the student perspective.
- Evaluate and grade assignments, quizzes, examinations, and record grades.