C LARA
N GUYEN

SOFTWARE ENGINEER

CONTACT

- (865) 696-0544
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SKILLS

C C++ C# (.NET)
HTML/CSS JavaScript
Python Java Linux
Bash/Shell Scripting
SQL, MongoDB Git, SVN
Slack

AWARDS

APRIL 2020
Extraordinary Professional Promise
University of Tennessee, Knoxville

APRIL 2020
Outstanding Graduate Teaching Assistant
University of Tennessee, Knoxville

APRIL 2018
Outstanding Undergraduate Teaching Assistant
University of Tennessee, Knoxville

EDUCATION

AUGUST 2018 - DECEMBER 2020	**M.S. in Computer Science** *University of Tennessee, Knoxville*	GPA: 3.8/4.0
JANUARY 2014 - MAY 2018	**B.S. in Computer Science** *University of Tennessee, Knoxville*	GPA: 3.4/4.0

EXPERIENCE

AUGUST 2016 - DECEMBER 2020

Graduate Teaching Assistant Leader
University of Tennessee, Knoxville

- Introduced concepts of C/C++ to students needing to solve complex problems, which resulted in several hundreds of students succeeding in higher level courses.
- Led teaching assistants by effectively coordinating tasks, allowing the class to operate according to plan.
- Developed a website that served as a 24/7 resource for students that needed help on assignments.

PROJECTS

JULY 2020

CN_Blog (Clara Nguyen's Blog)
http://blog.claranguyen.me/

Pseudo-static blog engine written from scratch. It offers writing posts in HTML/PHP, giving the writer full control over what content is published.

Written in: HTML, JavaScript, PHP

AUGUST 2019

UTK_Shell
http://claranguyen.me/works.php?id=utk_shell

Discord bot for verifying students by their UTK ID on a University Discord Server. It verifies by looking them up in the university student directory and emailing them a verification link.

Written in: JavaScript (Node.js), PHP

JULY 2017

CN_MW2SM (Clara Nguyen's Modern Warfare 2 Server Manager)
http://claranguyen.me/works.php?id=cn_mw2sm

Packet sniffer/web server hybrid application for moderating lobbies in Modern Warfare 2. It obtains player information and lets you kick/ban players. It uses cpprestsdk and WinPCap.

Written in: C, C++, HTML, JavaScript

JULY 2016

CNDS (Clara Nguyen's Data Structures)
http://claranguyen.me/works.php?id=cnds

Collection of cross-platform high-performance generically typed data structures written completely from scratch. Vectors, Linked Lists, Maps, Stacks, and Queues included to mimic their C++ counterparts.

Written in: C