

# San Nge

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Tacoma | WA

## EDUCATION

### PACIFIC LUTHERAN UNIVERSITY BACHELOR OF SCIENCE

Graduated on Dec 2020 | Tacoma, WA

Major: Computer Science

Extensive Elective Coursework in:

- Artificial Intelligence
- Bioinformatics
- Cloud Computing

### GREEN RIVER COLLEGE ASSOCIATE OF SCIENCE

Graduated on May 2018 | Auburn, WA

Major: Computer Science

Extensive Elective Coursework in:

- Psychology
- Sociology
- Public Speaking

## COURSEWORK

Intro to Programming  
Data Structures  
Programming Languages  
Objects and Designs  
Computer Organizations  
Algorithms  
Operating Systems  
Database Web Programming

## SKILLS

### TECHNICAL SKILLS

• Java • Python • NodeJS • ContextAPI •  
ReactJS • Redux • NextJS • Docker •  
HTML5 • CSS3 • REST • MongoDB •  
GCP/AWS • MySql • Firebase • GraphQL •  
ExpressJS • Linux • Git • Material-UI •  
Tailwind-CSS • Agile

## LINKS

### LINKEDIN

<https://www.linkedin.com/in/san-nge-695b16180>

### GITHUB

<https://www.github.com/sannge>

### WEB PORTFOLIO

<https://www.sannge.me>

## EXPERIENCE

### BIT BROKER LABS | SOFTWARE ENGINEER

Oct 2020 - Present | Remote

#### TITLE: FULL-STACK WEB DEVELOPMENT

- Develop tools and websites that help startups to build better products minimum amount of effort and time.
- Implement and Engineer both Frontend features, Backend Servers, and APIs using ReactJS, GraphQL, MongoDB, Express and more.

### PACIFIC LUTHERAN UNIVERSITY | UNDERGRAD RESEARCHER

Jun 2019 - Mar 2020 | Tacoma, WA

#### TITLE: PROTEIN STRUCTURE PREDICTION USING AI

- Developed a protein feature generator utilizing external tools from the protein sequences and generated models.
- Improved the prediction accuracy of the model by 13 percent by adding more specific features of protein derived from the generator.

### PACIFIC LUTHERAN UNIVERSITY | TEACHING ASSISTANT

Feb 2019 - Dec 2019 | Tacoma, WA

#### TITLE: IN-LAB COMPUTER SCIENCE TEACHING ASSISTANT GRADER

- Debugged multiple students' codes/programs and advised students with algorithms and techniques to tackle the problems and labs

## TECHNICAL PROJECTS

### SOCIX (SOCIAL MEDIA APPLICATION) | GITHUB

On Progress

- Developed a PERNG Stack App where users can post status, photos, videos, and comments, and be able to chat live with full functionalities, using latest technologies such as GraphQL Subscriptions, WebRTC for live data sharing.

### ATHLETE PROFILE BANK | GITHUB | WEBSITE

Fall 2020 | Tacoma, WA

- Developed a Multi-Step form MERN stack application with Google Cloud Location API where athletes can sign-up, manage their own profile, and view other athlete profiles.

### REFMONKEY | AFFILIATE TRACKING PLATFORM | WEBSITE

On Progress

- Implemented Companies/Users Dashboard, Zapier Integration, Affiliate Dashboard, Payment Systems, Ads-Attribution System, Stripe and Square Integration for Referral Transaction Data Analysis with OAuth.
- Designed and created code snippets for Wix, SquareSpace, Shopify, Ecwid, and Custom Websites to easily inject Refmonkey Referral System.

### SLACK CLONE (FULL STACK APP) | GITHUB | WEBSITE

Spring 2020 | Tacoma, WA

- Implemented a Slack Replica with Postgres, Express, React, NodeJS, and GraphQL.
- Hosted the frontend and file-upload on AWS S3 with CloudFront, and backend on AWS EC2 instance using Docker Containers with Docker Compose.