SUBIN YUN

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EDUCATION

UNIVERSITY OF CALIFORNIA, DAVIS   *expected Graduation*
Bachelor of Science in Computer Science   *March 2021*

- **Courses**: iOS Application Development, Web Programming, Computational Structural Bioinformatics, Object-Oriented Programming, Data Structures, and Programming languages

SKILLS

Programming Languages: C/C++, Swift, Python, Java, and Go
Web Technologies: HTML, CSS, JavaScript, Node.js, and React.js
Frameworks & Tools: XCode, Microsoft Visual Studio, Git, Selenium, and Cocoa Touch
Language: English and Korean

PROFESSIONAL EXPERIENCE

Software Engineer Intern **[Java, HTML, CSS, PHP] / WE CARE INSURANCE**   Omaha, NE
                                                                                January 2021 - present
- Developed the web automation for the automobile insurance by using Java.
- Created the payment program of the insurance website, worked and designed with other software engineers, designers, and planned schedules, using Git, Eclipse, and Selenium library.

Marketing Intern/ **TRAVELY MAP**   Jeju-do, Korea
                                                                                July 2020 – Aug 2020
- Initiated research to analyze and integrate improvements within travel recommendations for the web application users.
- Utilized tourism research to create must-see tour and travel guides characterized by region.
- Led more than 20,000 application usage and downloads in two months by designing and integrating an easy-to-use representative function with software engineers.

Public Relations Director/ **KOREAN AGGIES UNITED**   Davis, CA
                                                                                Dec 2016 – May 2019
- Led public relations strategies, including written advertisements for club events, social media marketing, and poster advertising.
- Executed events for international students at UC Davis to improve student engagement, increasing admission by over 50% and donations by over $1K.

PROJECTS

WIRELY [SWIFT, COCOA TOUCH, XCODE, IOS DEVELOPMENT]   January 2021
- Initiated wallet mobile application using XCode and Cocoa Touch framework for user interface, layout, and views.
- Implemented transactions between accounts and card scan to deposit into user's accounts for iOS users.
- Designed login view for user's verification and wallet view for a table of accounts and the information of each account.

MAKING A DNA VIVID [C PROGRAMMING LANGUAGE]   January - March 2020
- Developed the bioinformatic program to understand the virus-host communication which renders the opportunity for scientists to develop treatment therapeutics.
- Assembled the Chou and Fasman algorithm to predict the protein secondary structure, using the unknown DNA sequences, to discover functional and structural biology to explicit disease prognosis.
- Leveraged C programming language to analyze the central dogma of molecular biology and conclude the secondary structure direct measurements to provide scientists the information.