SKYLER BALA

Email: skyler.bala@gmail.com   **LinkedIn:** *https://linkedin.com/in/skylerbala*
Phone: 650-793-0573   **GitHub:** *https://github.com/skylerbala*
                                                     Portfolio: *https://skylerbala.com*

EDUCATION

B.S. in Computer Science & B.S. in Statistics at UC Davis • Davis, CA   *June 2020*
- **GPA:** 3.8/4.0
- **Coursework:** Data Structures, Algorithms, Discrete Math, Web Programming, Machine-Dependent Programming, Computer Organization,
- **Activities:** Davis Computer Science Club, Hackathons,
- **Achievements:** 100% of tuition covered by merit-based scholarships

EXPERIENCE

Web Developer at *Unitrans (Davis' public transport system)* • Davis, CA   **June 2018 – Present**
- Design and implement novel web solutions on Unitrans' administrative website to streamline Unitrans' administrative tasks
- Work closely with Unitrans managers to better understand Unitrans' Web Suite needs
- Languages/ APIs: Django, JavaScript, HTML, CSS, PostgreSQL, jQuery, Python

iOS Engineer at *The Little Green Coupon Machine* • Davis, CA   *Aug. 2017 – Oct. 2017*
- Revamped existing coupon aggregator iOS app, *The Little Green App* – enables users to discover and access deals from local Davis businesses
- Resolved issues with deprecated software by re-writing app with modern frameworks/ libraries
- Identified and Troubleshot UX issues; Enhanced graphic UI elements
- Languages/ APIs: Swift

Volunteer CS Curriculum Designer/ Instructor at *Empoder* • Mountain View, CA   *June 2016 – July 2016*
- Co-managed local non-profit computer science educational program established to help bridge gender, racial, and socioeconomic gaps existing in tech
- Designed and taught 10-week Java curriculum covering fundamental programming concepts
- 400+ Volunteer Hours
- Assisted organization in procuring $25,000 in grant money via Google Rise Award

Mathematics Instructor *Mathnasium* • Mountain View, CA   *Aug. 2015 – Apr. 2016*
- Tutored students grades 8th – 12th one-on-one in math subjects from Algebra to Calculus
- Developed customized learning plans to suit needs of each student

PROJECTS

AllerFree   *HackDavis 2018*
- Mobile-app leveraging cloud vision and machine translation to provide users multilingual food allergen content
- Received Best Google Cloud Platform Hack Award by Google
- Languages/ APIs: Swift, Python, Google Cloud Platform, Django

SnapCard   *UC Davis Department of Entomology 2018*
- Pesticide quality insurance mobile app helping farmers make better pesticide application decisions
- Languages/ APIs: React Native, JavaScript

HONORS & AWARDS

Scholarships: Northern California Scholarship Foundation • Banatao Family Filipino American Education Fund • US Pan Asian American Chamber of Commerce • Silicon Valley Engineering Council • Los Altos Rotary Club • Kiwanis Club of Mountain View • MVLA Scholars
Honors: Certificate of Congressional Recognition from CA Congresswoman Anna Eshoo and CA Senator Jim Beall

SKILLS

Programming Languages: Proficient: C++ • HTML • CSS • JavaScript • Python • Swift • Java • x86 Assembly
Technologies/ Frameworks: ReactJS • React Native • Django • Node.js • jQuery • SQL
Languages: English • Tagalog