

# BRIAN SHIN

LinkedIn: [in/bhshin](https://www.linkedin.com/in/bhshin) | Website: <https://brianshin.me>

Based in San Jose, CA

## EXPERIENCE

### LG Electronics

*America R&D Center: 150 people, established 2014 based in Santa Clara, CA*

#### **Product Manager** | Nov 2018 – Present

- Built and launched SVL Simulator, an open source autonomous vehicle (AV) simulator. Grew to 2500 MAU in 2.5 years; adopted by two largest open source AV platforms globally as default simulator.
- Launched enterprise product Beta program with major automotive OEMs and Tier 1 suppliers, resulting in first \$100K+ in revenue at R&D lab. Deployed for AV systems in major international sporting event 2020/2021.
- Implemented process improvements to scale team of 7 to three teams totaling 30 engineers as sole PM. Conducted 10 major releases per year, growing to 100 downloads per day and >50K total downloads since launch.
- Successfully led business plan creation and gave product demos to C-suite to secure business initiative green light (first at R&D lab) and fund product development.
- Created roadmap, prioritized features, and communicated product direction based on user interviews and data analysis to increase average usage by 71%.

#### **Sr. Software Engineer/Software Engineer** | May 2017 – Feb 2019

- Built prototype and launched embedded OS for robotics initiative, now with 200+ weekly downloads on Github. Adopted by internal teams for LG commercial robots.
- Designed, built, and deployed multiple websites for SVL Simulator, including product, technical documentation, and downloadable asset store websites. Visited and used by 3000+ people per month.

## LEADERSHIP

#### **ROS Technical Steering Committee** | **Founding member** | 2018 - 2019

- Initiated LG involvement and served as founding representative to guide Robot Operating System (ROS) 2 technical roadmap, leading to recognition of LG as a leader in consumer robotics.

#### **Stanford Korean Graduate Student Tennis Association** | **Co-president** | 2018 - 2019

- Organized weekly meetings, tournaments, social outings, and lessons for 250+ members, increasing active attendance by 80%.

## PROJECTS

#### **Logistics Tech Review** | **Publisher** | July 2020 – Present

- Founded and published articles for newsletter focused on impact of technology in logistics/supply chain industry.

#### **Lonely Electronics** | **Founder** | July 2016 – Oct 2020

- Identified shopping trends, sourced items from overseas, and provided customer support as online reseller in US market, maintaining 100% positive feedback.

## EDUCATION

University of California,  
Berkeley

Aug 2015 – June 2016

M. Eng. EECS

Focus in robotics and  
embedded systems.

Harvard University

Aug 2011 – May 2015

B.S. Electrical engineering

Secondary in computer  
science.

## SPEAKING & PAPERS

IEEE ITSC 2020 | Sept 2020

AI Robotics KR | Nov 2019

ROSCon 2019 | Oct 2019

ROSCon 2018 | Oct 2018

IEEE ICRA 2014 | May 2014

## SKILLS

Jira/Confluence/Trello

Google Analytics

Grafana/InfluxDB

SQL

AWS S3

Technical writing

ROS/ROS2

Python

Jekyll

Git

Yocto/OpenEmbedded