

# Brian Yang

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<b>Education</b>	University of Illinois at Urbana-Champaign (2014 - 2018) Bachelor of Liberal Arts & Sciences (LAS) Physics Concentration in Energy/Sustainability	Current Address: 143 S Catalina St. Los Angeles, CA 90004
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## Work Experience

June 2020 (current)

### **Computational Physicist**

*Applied Research Associates*

Working on developing software related to computational electromagnetics for organizations such as the Department of Defense and Northrop Grumman.

## Skills

- Python (4 years) | Java, MatLab (3 years) | PostgreSQL (<1 year)
- Fortran, C++, C (<1 year)
- OpenMPI, MPICH, Intel MKL (<1 year)
- HTML, Javascript, CSS (<1 year)
- Vim, OriginLab, PTC Creo (3 years) | Sony Vegas (5 years)
- Strong communication, time management, discipline, and leadership skills
- Fluent in Korean (10+ years)

## Personal Projects

- Discrank (Discord chat bot with 320,000+ users) – <https://discrank.com>
  - Developed a chat bot for Discord, a chat/VoIP platform focused around gaming communities.
  - Identified multiple areas of integrates between Discord and a popular online video game, *League of Legends*
  - Text & sound tags, Wolfram|Alpha integrations
  - Created plugins that utilizes Discord's chat system to simplify and automate guild operations through Google Sheets using gspread.
- <https://byng.xyz/> - Picked up on essential web development tools to create a personal website.

## Achievements

- 2018 League of Legends Collegiate Championships, semi-finalist / 2018 Big Ten Championships Finalist
  - Starting player, team captain, primary shot caller for University of Illinois' collegiate team for 4 years.
- Participated in [2016 Riot Games API Challenge](#)