

WOO JIN KIM

EDUCATION

- Epicodus** (Remote) *Jan 2021 – Jul 2021*
- Software Engineering/Web Development Certification
- UC Irvine** (Irvine, CA) *Sep 2011 – Jun 2016*
- B.S. Electrical Engineering GPA: 3.439
Specialization: Digital Signal Processing
 - Degree Minor: Information & Computer Science GPA: 3.757
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EXPERIENCE

- RPM Engineers, Inc.** (Irvine, CA) *Jan 2019 – Dec 2019*
- Electrical Engineer
- Kang Ho Dong Backjeong** (Buena Park, CA): *Sep 2018 – Dec 2018*
- Server/Griller
- House Of Shabu Shabu** (Irvine, CA) *Jan 2017 – Aug 2018*
- Lead Server
- EMC Seafood & Raw Bar** (Irvine, CA) *May 2016 – Feb 2017*
- Host, Busser, Runner
- EmazingLights, Inc.** (Anaheim, CA) *Sep 2016 – Dec 2016*
- Engineering Intern
- UCI Student Center & Event Services** (Irvine, CA)
- Level 3 Crew Manager, Event Lead *Sep 2015 – Aug 2016*
 - Level 2 Building Manager, AV Technician *Jun 2014 – Sep 2015*
 - Level 1 Crew, Housekeeper, Lounge Attendant *Oct 2013 – Jun 2014*
- Gatten Sushi** (Irvine, CA)
- Back of House/Sushi Chef *Jul 2014 – Apr 2015*
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VOLUNTEER

- UCI Student Parent Orientation Program** (Irvine, CA) *Jan 2013 – Jun 2013*
- Staff Member
- St. Thomas KCC Summer Camp** (Anaheim, CA)
- Staff Member *Aug 2011*
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CERTIFICATION

- National Council of Examiners for Engineering and Surveying**
- Certified Engineer-In-Training (<http://bit.ly/2B9NO90>) *July 02, 2019*
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LANGUAGES

English: Native

Korean: Advanced

PROJECTS

Individual

- Super Mario Bros. parody & Facebook parody (**Java/Android**)
- Image filtering and video processing application (**C**)
- YouTube API search algorithm & Othello Game (**Python**)
- Multi-band filtering with a Digital Signal Processing Board Kit (**C/MATLAB**)

Group

- Breath of the Wild RecipeBook (**HTML/CSS/JavaScript/Node.js/API**)
- Tournament Organizer (**C#/.NET5.0/EF Core/SQL/MVC**)
- Self-Stabilizing Mug (**C/Arduino/Motors/AGM Sensors**)
- “The Virtual Reality State” (**Group Research Paper**)

SKILLS

Computer Software & Programming

- Languages: **HTML, CSS, JavaScript, C#, SQL, Java, Python, C**
- Frameworks: **Bootstrap, .NET 5.0, ASP.NET Core, EF Core, MVC**
- Libraries: **JQuery, AJAX, React, Redux, Moment**
- OS: **Windows, Android, Linux**
- IDEs & Interfaces: **Visual Studio, Eclipse, Android Studio, API**
- Other Tools: **Postman, RapidMiner, Node.js, MySQL Workbench, Git**
- Methodologies: **Agile, Scrum, Test Driven Development, Kanban**

Electrical Engineering

- Calculated and designed **lighting and electrical power schematics**. (**AutoCAD**)
- Simulated minimum and average illumination levels (**Visual Lighting**)
- **Soldering** pins, resistors, semiconductors
- Testing and analysis with **photodiode & bluetooth communication systems, multimeters, potentiometers, oscilloscopes, accelerometers, and gyroscopes**

Organization/Team

- Cloud storage management: **Dropbox, Google Drive**
 - Messaging programs: **Slack, Discord, GroupMe, MS Outlook**
 - Social media accounts: **Facebook, YouTube, Instagram, E-mail**
 - Remote Paired Programming: **VS Code LiveShare Extension**
 - Documentation Software: **Adobe Reader, BlueBeam PDF, MS Word, MS Excel**
 - Productivity/Organization Programs: **Notion**
 - Diversity, Equity, Inclusion: **Disability Etiquette, Microaggressions, Green Dot Initiative, LGBT Allyship, Bystander Intervention**
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PERFORMANCE GROUPS

Dance Teams/Organizations

Kaba Modern (Irvine, CA) *Feb 2016 – Jan 2019*

- Collective Committee Chair *Feb 2018 – Jan 2019*

1st Place OC Night Market Dance Competition 2016, 2017

3rd Place Fusion 2016, Prelude Norcal 2017

5th Place Hip Hop International 2018 USA Finals

Project Swervine (Irvine, CA) *Feb 2014 – Jan 2019*

- Co-Director *Jun 2014 – Jun 2018*

B-Boys Anonymous (Irvine, CA) *Oct 2011 – Jan 2019*

- Public Relations Commissioner *Jun 2015 – May 2016*

- At Large Representative *Jun 2013 – May 2014*

Collaborative Program of the Year All-UCI 2013

Unique Representation of Movement (Irvine, CA) *Nov 2011 – May 2014*

Co-Coordinator *Jun 2013 – May 2014*

Dance Projects

Half Past 6 (Irvine, CA) *Oct 2017 – Feb 2018*

Project Renegade (Irvine, CA) *Aug 2017 – Jun 2018*

Down in the DM's (Irvine, CA) *Oct 2016 – Mar 2017*

Dance Category & Overall Alpha Winner UCI Soulstice 2017

MOP Squad (Irvine, CA) *Aug 2014 – Jun 2015*

Dreams Legacy 2 (Irvine, CA) *Feb 2013 – Mar 2013*

2nd Place Passionfest 2013 Talent Competition

Music

Jodaiko Taiko Ensemble (Irvine, CA) *Nov 2015 – Aug 2016*

JCG (Fullerton, CA) *Summer 2010, 2011*

Troy HS Symphonic Band (Fullerton, CA) *Jan 2008 – Jun 2011*

Troy HS Orchestra (Fullerton, CA) *Aug 2007 – Jun 2011*

Troy HS Marching Band (Fullerton, CA) *Fall 2007 – Fall 2010*

Troy HS Drumline (Fullerton, CA) *Spring 2009, 2010*
