

James Kwon

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Education

University of Pennsylvania

Vagelos Integrated Program in Energy Research **GPA: 3.53/4.00**

- Candidate for the Bachelor of Arts May 2020
 - Intended major: Chemistry
- Candidate for the Bachelor of Science in Engineering
 - Intended major: Chemical and Biomolecular Engineering

Korea International School

January 2013-May 2016

Mu Alpha Theta, AP Scholar with Distinction, Principal's List **GPA 4.00/4.00**

Northern Valley Regional High School

September 2012- December 2013

All Honors Courses

Honors/Activities: National Honors Society, Varsity Soccer, Tennis, Youth Leadership Institute, Key Club President

Professional Experience

Researcher in Dr.Bidstrup-Allen's Laboratory

May 2017-

- Will be conducting research on microbattery electrode structure under the guidance of two graduate students
- Developing techniques in XRD, Spectrometers, electroplating, SEM

Social Chair of Korean Students Association

December 2016-

- Organized an afterparty for the largest Korean American conference in the U.S
- Formulated the first Korean Students Association Formal in collaboration with APSC

Independent Science Research

July 2015-December 2015

- Researched chemistry topics and helped write "A Study of Dielectric Materials and Metal Organic Framework (MOF) Nano Particles in Electrochemistry."
- Responsible for self teaching many chemistry/physics topics through reading papers/textbooks/online resources

Research Assistant at the Electric Materials Lab at Yonsei University

June 2015-July 2015

- Conducted individual experiment to increase proton conductivity
- Worked 50hr/weeks

Volunteer Experience

Big Brothers Big Sisters of America (Philadelphia)

November 2016-

- Responsible for mentoring and serving as a positive influence to a younger student in the Philadelphia region

Key Club

December 2015-May 2016

- Served as president implementing numerous projects and raising over 1000\$ over the course of the year to donate to charity
- Began projects that would run jointly with the nearby boys orphanage

Hackensack University Medical Center

June 2013-December 2013

- Directed patients, doctors, and visitors to the necessary resources around the hospital

Skills: MS Office, iWork, Photo-Editing Software: Lightroom/Photoshop, Python(Basic), HTML(Basic)/MATLAB(Basic)

Note: Work Study Grant is pending.