Jihyeon Je

115 College Street, Hudson, OH 44236 | jej19@wra.net

EDUCATION

Western Reserve Academy, Hudson, OH

College preparatory program Class of 2019

Highest Honors Student, 7.1 Cumulative GPA (4.25 on 4.0 scale)

Jangan High School 2015-16

Magnet school for math and science

Busan, Korea

AWARDS

Joel B. Hayden Prize 2018

2nd Place, National TEAMS Competition 2018

14th Place, OHMIO(Ohio High School Mathematics Invitational Olympiad) Individuals 2017

3rd Place, National TEAMS Competition 2017

1st Place, City Science Fair(Open Research – Destruction of Viral Capsids) 2016

1st Place, City Science Fair(Open Research – Reduction of Noise Transmission between Apartments) 2015

2nd Place, National Science Research/Debate Contest – Attaining Road Visibility in Rainy Nights 2015

1st Place Winning Alliance, First Tech Challenge Korean Nationals 2015

8th Place, World Robot Olympiad – Sochi, Russia 2014

6th Place, World Robot Olympiad – Kuala Lumpur, Malaysia 2012

1st Place, World Robot Olympiad – United Arab Emirates 2011

Best Technical Robot Award, World Robot Olympiad – Manila, Philippines 2010

Team Spirit Award, First Lego League – Atlanta, USA 2006

Team Spirit Award, First Lego League – Eindhoven University of Technology, Netherlands 2005

Current coursewoRK

CL Postcolonial Literature and Film 2018-2019

CL Economics   
CL Physics  
CL Latin  
CL Computer Science   
Microbiology  
Differential Equations

English: The American Experience 2017-18

CL United States History   
Latin III  
CL Chemistry  
Honors Physics  
Non-Eucledian Gemetry   
Linear Algebra  
Compass

English: The Fall

Modern World History 2016-17

Latin II  
AP Calculus BC  
AP Statistics  
Cancer Immunology  
Chemistry Honors

English: The Journey 2015-16

Ancient World History   
Accelerated Precalc/Calculus  
Biology  
Orchestra  
Art 1

Work experience

NCMIR(National Center for Microscopy and Imaging Research)

2017. 07 ~

“Contacts between Endoplasmic Reticulum and Other Membranes in Neurons”

UNIST(Ulsan National Institute of Science and Technology) Protein Engineering Lab, Busan, Korea

Intern 2015. 02 – 2016. 01

“Development of a Fusion Nano Probe using Affibody”

projects AND PAPERS

Destruction of Viral Capsid through the Application of Polyhedral Structure 2016

Attaining Visibility of Car Lanes with LED in Rainy Nights 2015

Scientific Solutions to Reduce Noise Transmission in Apartments 2015

Correlation between Hand Hygiene Status and Germs 2013

Common Beverages’ Effect on Tooth Health 2012

LANGUAGES

Korean-Native Language

English-speak fluently and read/write with high proficiency

Chinese-speak, read, write with competence