**Hai Dong**

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**Education**

* **Le Hong Phong High School for the Gifted**: 2009-2012
* **University of Cincinnati**: 2012 – now: BS-ACS- Chemistry
* **GPA**: 3.656
* **Current status:** Senior – 4th year
* **University of Cincinnati**: Honors Program

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**Honors And Awards**

* **Odon Vallet’s Scholarship** – For Outstanding High School students in the nation
* **UC Global Scholarship**: For outstanding first year international students
* **UC Outreach Scholarship**: For outstanding first year international students
* **McMicken College of Arts & Sciences – Arts & Sciences Greenholz Scholarship**: Top 3 Outstanding Students in Art and Science College
* **Mary Rowe Moore Book Award**: For outstanding honors students that participated in promising research porjects.
* **Thomas E. Senior Scholarship:** scholarship decided by the department of Chemistry based on academic record.
* **The City Chemistry Competition For Excellent Secondary Students**: Ranked 1st
* **The City chemistry competition for excellent high school students**: Ranked 1st – 2011,2012
* **The national chemistry Olympiad in Chemistry**: Honorable Prize
* **The Casio calculator national Olympiad** ( using calculator to solve chemistry problems in fastest way):Honorable Prize
* **Australian international chemistry quiz** ( royal australian chemical institute): High Distinction (2008, 2009, 2011) and Distinction (2010)
* **The National Society of Collegiate Scholars**
* **Alpha Lambda Delta – National Honor Society for First Year Students**

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**Work Experiences**

* **Research Assistant at University of Cincinnati 2012-2013**: Inorganic Chemistry lab working on the mechanism of Pt(II) to Pt(IV)
* **Research Assistant at Children’s hospital 2013 - now**: Doing research in genetics in Mitochondrial diseases. I have been working on several genes like TBX3, NARS2, YARS2. Our interest Is to find the gene that caused mitochondrial disease like LHON.
* **Summer Undergraduate Research Fellowship (SURF) at Children’s hospital:** I was chosen to work in a genetic lab on a project about stem cell and some genetic problem. At the end of this program a joined a poster session to talk about my work with faculty members.
* **Shadow experience:** I followed Dr.Fortman, an anesthesiologist at University of Cincinnati hospital to see his daily work. I had the chance to see a lot of cases, from easy case to a really severe case. I experienced all the up and down that a doctor have to face with when they are at work. This was an invaluable experience for me.
* **Lab assistant:** I worked with a biodiesel lab at college of engineering on how to make the most out of biodiesel production. We worked on making soap and biodiesel from waste cooking oil.
* **Lab assistant:** I worked with Dr.Zhang in a lab on medical campus for a semester on a project about eyes cornea.
* **Supplemental Instruction – Organic Chemistry (2 semester series):** provide weekly review sessions for students in "historically difficult courses" — courses in subjects with a high rate of D or F grades and withdrawals. SI is provided for all students who want to improve their understanding of the course material and improve their grades.
* **Teaching Assistant – General Chemistry Lab (2 semester series):** Teach in a general chemistry lab. My main job is to instruct the students on how to do the experiment and grade their pre-lab and reports after each lab.
* **Lab Assistant:** I work in a lab with Dr.Khademi in children’s hospital on a subject about PTEN and its affect on seizure.

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**Leadership**

* **President** of University of Cincinnati Photography Club (Founder):
* **Social Chair** for UC Men’s Choir and UC’s Women Choir
* **Ambassador**: UC International Office
* **Membership Chair** of Vietnamese Student Association
* **Leader** of “ Into the street “ campaign
* **Historian** of Alpha Lambda Delta – National Honor Society for First Year Students
* **Public Relation** of University honors Association
* UNICEF workshop in Chicago 2012

**Skills**

* **Computer**: Excel, Word, Powerpoint, mac and pc skills.

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* **Lab skills**: UV spectroscopy, PCR, Gel Electrophoresis, Fibroblas Culture, Lymphocyte Culture, Mitochondria Isolation, Oxygen Consumption, Enzyme Digestion, Bacterial culture, Transformation, Mouse genotyping, Organic Chemistry and basic Chemistry lab skills, Physics lab skills, Mice models, Cryostat cutting, DNA extraction.
* **Leadership Skills**: Organizing Events, Management, Marketing, Team work, Leading groups, Communications.
* **Fine Art Skills**: Photography, Vocal Performance
* **Academic skills**: Academic writing, Academic Reading, Analyzing data.