Jonas Wechsler

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EDUCATION

2010 - 2015	**Liberal Arts and Science Academy High School (LASA)**	Austin, Texas

WORK EXPERIENCE

2013 - Present — **University of Texas Austin, Dept. of Computer Science**
Intern — 4 hours/week
Worked under Professor Calvin Lin over the summer of 2013 researching cache architecture related to irregular memory accesses. Continued over the summer of 2014 alongside Kiran Tomlinson, researching patterns in memory access streams and running simulations relating to memory level parallelism.

2013 - 2014 — ***For Fear the Glass May Shatter***
Animator — 2 hours/week
Created digital animation for an opera about quantum physics that was performed at the Vortex Theatre and at the Fusebox Festival, Austin, TX, April 2014. (`http://www.fuseboxfestival.com/2014-festival/for-fear-the-glass-may-shatter`)

2012 — **University of Texas Austin, Dept. of Computer Science**
Summer Intern — 8 hours/week
Worked under Professor Calvin Lin alongside a team of high school developers developing Waterbear (`http://waterbearlang.com/`), a visual programming environment for use in undergraduate courses at UT. The code was open source HTML, CSS, and Javascript/JQuery, using Git for version control.

ACTIVITIES

$2012 - present$ — **Various martial arts**
$2013 - present$ — *Tukong Moosul* — 5 hours/week
$2012 - 2013$ — *Tae Kwon Do* — 2 hours/week

$11^{th} - 12^{th}$ — **LASA High School Math Tutor** — 1 hour/week
Nominated by teachers to tutor other students in Algebra I through Linear Algebra and Multivariable Calculus.

$11^{th} - 12^{th}$ — **LASA High School Computer Science Club** — 2 hours/week
Founder, Officer, and Tutor
I give lectures and help fellow Computer Science students with their work.

$11^{th} - 12^{th}$ — **LASAUIL Practice Website**
Developer, Graphics Designer
Developing the front-end of a Computer Science training website for beginning and advanced competitors. (`http://lasauil.herokuapp.com/`)

ACTIVITIES

11th **LASA High School Computer Competition Club**   1 hour/week
Member and competitor
Gave lectures and competed in district, regional, and national competitions.

$10^{th} - 12^{th}$ **National Honor Society**
- Volunteered at the Trail of Lights, patrolling and answering questions.   9 hours
- Volunteered at the Blanton Art Museum as an exhibit docent.   5 hours
- Volunteered at the Austin Wildflower Center doing landscaping work: 4 hours

planting, tilling, spreading gravel.

HONORS & AWARDS

12th **12th National Merit Scholar, Commended**

11th **HSCTF placed 7th of 767 teams**
- Team captain in High School CTF, a cooperative competition centered

around hacking and algorithms.

                  USA Computing Olympiad Silver division
- Prompted for efficiency and accuracy of algorithms.

                  AP Scholar with Distinction Award

                  11th Trustees Award

10th **Accepted to National Honors Society**

                  Top 20% National French Exam Level 3

9th **UIL State Team Competition 1st**

                  UIL Regional Team Competition 1st

                  UIL District Team Competition 1st

                  Viperwolf Invitational Individual 1st

                  Viperwolf Invitational Team 1st

SKILLS & TALENTS

Languages
5 years of french study.

Martial Arts
Practice Tukong Moosul and formerly Taekwondo, with a heavy emphasis on discipline and tradition.

Coding
Fluent in Java, C++, Javascript, HTML, CSS, Node.js, and Bash.