

I AM A MAKER.

My life, my passion, and my skills all revolve around creating. Engineering and music are my two main strengths, and I love using them both and even combining them to create anything and everything. I love using my creativity to solve problems, make life easier, provide entertainment, or simply to pass the time. I enjoy working on projects individually or with others, I learn new things quickly, and always strive to keep a realistic yet open mindset.

EDUCATION

- Novato High School / Marin School of the Arts, Novato, CA
- 4 years, graduated 2016
- Santa Rosa Junior College, Santa Rosa, CA
- Currently enrolled since September 2016
- Studying for A.S. in general engineering

EXPERIENCE

COOK, SHIFT Lead, and FACILITIES CHAMPION ***CHICK-FIL-A***

NOVATO, CA — AUGUST 2016 TO PRESENT

I work in the kitchen at the chicken fast food restaurant Chick-Fil-A, usually a closing shift. On the floor, I do most jobs there as needed, including making meals for guests, breading and cooking the raw chicken, restocking, trash, etc. I've stepped down from being a Shift Lead, but during that time I organized everyone's daily tasks and scheduled the night. My job was to make sure breaks get run, put people in the best place based on their skillset, ensure all closing tasks are completed, and generally make sure the night goes as smoothly as possible. I also have always trained new Team Members, and answer any questions employees might have. When I first started working, I almost immediately began instinctively using my engineering skills around the restaurant, finding better ways to do things and fixing things that break. This eventually got the attention of my boss, who then gave me the official title of Facilities Champion at the same time as he promoted me to Shift Lead. I had received commendation once before this, to quote my boss, "in light of recent events and your stellar performance". As Facilities Champ, it is now also my job to repair equipment or call appropriate technicians, and to make sure the equipment is well-maintained. I would consider myself a very loyal and helpful employee, and this job has gained me lots of experience in the professional world, taught me a variety of new skills, and increased my responsibility.

CO-PRESIDENT AND BLASTER MECHANIC ***NOVATO NERF NATION***

NOVATO, CA — SEPTEMBER 2013 TO JANUARY 2015

Novato Nerf Nation is a club that my friend and I organized in high school. It started as one of my at-home birthday parties that he and some others attended, and it was such a hit that he suggested we do it more often. We then organized the club, creating a Facebook page that skyrocketed initially and hovered around 40-45 members from then on. We eventually got in the habit of meeting weekly, using varying open school campuses as our battle site. An average of about fifteen people showed up to the wars, and at first they happened at night but we eventually moved them to afternoons. As co-leader of the club, I helped organize events, write and enforce the "constitution" with our club rules, watch and play with the kids, get first aid, etc. In addition to being co-president and co-founder of the club, I was also our main blaster mechanic, meaning I would fix jammed or broken blasters and occasionally modify blasters according to member's request. Starting and participating in this club helped my leadership skills, my ability to work with slightly older kids, increased my responsibility, and exercised a lot of physical abilities as well. Repairing and modifying the blasters also increased my mechanical engineering knowledge, as I often took apart and reverse-engineered the mechanisms inside to figure out how to accomplish my goal. I had a "blast" working with our group, and learned and matured along the way.



CHILD care VOLUNTEER

MARIN COVENANT CHURCH

SAN RAFAEL, CA — MARCH 2012 TO NOVEMBER 2015

My church has an excellent child care program, and I was blessed with the opportunity to help make it possible for three years. In this time, I looked after groups of kids, helping out the adult(s) in charge with things like distributing craft materials, tech support, playing with the kids, keeping them behaved, taking them to the bathroom, to get first aid, etc. Doing this helped my ability to work with kids and increased my responsibility. It was amazing to see the kids grow and how I influenced them during this time.

SUMMER CAMP ASSISTANT

PLAY-WELL TEKNOLOGIES

SAN ANSELMO, CA — JUNE 2012 TO AUGUST 2013

Play-Well TEKnologies (Teaching Engineering to Kids) is a company that works primarily with LEGOs, particularly the more advanced robotics-based branches, and for two summers I was an assistant for their summer camps. I helped the leader set up and tear down the room, play with and watch the kids, make sure they had the parts they needed for the current build, help kids that were struggling and suggest challenges to inspire kids that were excelling, as well as take them to the bathroom, to get first aid, etc. Doing this helped my ability to work with kids and increased my responsibility, and I really enjoyed helping out. It was a fantastic experience as a first job.

SKILLS

- Microsoft Word, Excel, PowerPoint (Started use: 2007)
- Google Docs, Sheets, Slides (Started use: 2012)
- Programming (Scratch: 2008 | Mindstorms NXT: 2011 | Python: 2012 | JavaScript: 2013 | C++: 2014 | C# and Java: 2016)
- Game / App design (Scratch: 2008 | Unity and Processing: 2016)
- Engineering and physics (Innate “knack”: 1997 | Product design class: 2014 - 2015 | AP Physics: 2015 - 2016 | Many many engineering and robotics summer camps/classes: various years)
- CAD (Autodesk Fusion 360 and Google Sketchup: 2015 | Autodesk Inventor: 2017)
- 3D printing / rapid prototyping / design (Made first 3D print: 2014 | Purchased my own printer: 2017)
- Electrical engineering (circuitry, soldering, microcontrollers, etc) (First Arduino project: 2014 | Many other projects since then)
- Music (composition, theory, variety of instruments including electronic; mainly jazz but various other genres as well) (Innate “knack”: 1997 | Novato High’s “Marin School of the Arts” program -- their music program earning top honors in state and national competitions -- playing french horn in wind ensemble and trumpet in jazz band: 2012 - 2016 | Playing trumpet in SRJC’s jazz band and jazz combo classes: 2016 | Playing keys/pads/piano and cajon in Marin Covenant Church’s worship band: 2014 | Jazz Appreciation class: 2019 spring semester)
- Estimation (e.g. accurately eyeballing dimensions, percentages, time duration, etc.)
- Driving (prompt, safe, efficient, clean record) (First experience: 2012 | Got license: 2016)
- Amateur filming, producing, editing, acting, video documenting, etc (Started YouTube channel Fluffball The Wizard (formerly Cloud Killer Koopa Troopa): 2016 | 850+ subscribers as of 2020 | https://www.youtube.com/channel/UC027XV6_ftGvA1RbljEo-g)
- Amateur drone piloting and videography: 2019

