

Matthew Bradley Bierman

Full Address: 1817 Scenic Sunrise Dr.
Las Vegas, NV 89117
Cell Phone: (702) 712-2892
Email: matthew.bierman2@gmail.com

Education

Aug 2016 - Present

The University of Texas at Dallas
Richardson, TX

Double Major: Computer Science
Arts & Technology
Minor: Information Assurance

Aug 2012 - Jun 2016

Faith Lutheran Middle and High School
Las Vegas, NV
High School Diploma

Weighted GPA: 4.28
Unweighted GPA: 3.98
Class Rank: 17 out of 219
Total Completed Credits: 31.5

2013 - 2016

STEM Academy Member: Computer Science

2015

CompTIA A+ 801 Certification

Mar 2015

ACT Composite Score: 30
English Score: 31
Math Score: 30
Reading Score: 27
Science Score: 31
Writing Score: 8
PSAT Composite Score: 171

2012/2013 9th Grade Honors/AP Courses

Honors Biology
Honors Geometry
Honors English I
Honors Ancient History

2013/2014 10th Grade Honors/AP Courses

Honors Algebra II
Honors American Literature
Honors Chemistry
Honors Animation & Visual Effects
AP World History

2014/2015 11th Grade Honors/AP Courses

AP Computer Science
Honors Pre-Calculus
AP Physics I

2015/2016 12th Grade Honors/AP Courses

AP Calculus AB
AP Statistics
Honors Engineering I

Work Experience

Mar 2014 - Jun 2014

Unpaid Intern

2015 S Hualapai Way, Las Vegas, NV 89117

Iacon Pictures

Grade 10

12 Hrs/Week, Total Hours: 183

Worked as an editor, visual effects producer, 3D modeling rigger, and animator as an internship for a paintball documentary titled 'Holding the Wire.'

Jun 2014 - Aug 2014

Unpaid Intern

317 S 6th St, Las Vegas, NV 89101

Fandeavor

Grade 11

10 Hrs/Week, Total Hours: 120

Programmed in Python Django and HTML/CSS to modify Fandeavor's website design.

Jul 2015 - Aug 2015

Unpaid Intern

Summerhill Plaza, 7501 W Lake Mead Blvd #112, Las Vegas, NV 89128

TLC Computer Solutions

Grade 12

12 Hrs/Week, Total Hours: 50

Assisted in troubleshooting hardware and software issues on both Macs and PCs in person, over the phone, and remotely.

Jun 2016 - Present

Courtesy Clerk

9851 W Charleston Blvd, Las Vegas, NV 89117

Smith's Food and Drug

College Freshman Year

16-40 Hrs/Week, Total Hours: 14.5

Established and maintained a safe and clean environment that encouraged customers to return to Smith's with tasks such as bagging groceries, assisting customers to their cars, bringing in shopping carts from outside for the customers to use, and cleaning the store.

Volunteer Service

Jan 2005 - Aug 2015

Out Reach

7260 W Sahara Ave, Las Vegas, NV 89117

St. Joseph Husband of Mary Roman Catholic Church

Grades 6, 7, 8, 9, 10, 11, 12

1 Hours/Week, Total Hours: 100

A volunteer organization at St. Joseph Husband of Mary Roman Catholic Church, including creating bagged lunches and hot meals for the homeless.

Jun 2011 - Jun 2013

Assistant Leader at Soccer Camp for Children

2015 S Hualapai Way, Las Vegas, NV 89117

Faith Lutheran Middle & High School

Grades 9, 10

10 Hours/Week, Total Hours: 20

Assistant leader, teaching children the basics of how to play soccer at a camp held by Faith Lutheran.

Mar 2013 - Apr 2013

Middle School B Team Soccer Coach Assistant

2015 S Hualapai Way, Las Vegas, NV 89117

Faith Lutheran Middle & High School

Grade 9

2 Hours/Week, Total Hours: 24

Assistant coach for Faith Lutheran Middle School's 7th/8th grade B team soccer team.

Jun 2013 - Aug 2015

Toys 4 Smiles

Grades 10, 11, 12

5 Hrs/Week, Total Hours: 40

Building and assembling wooden toy cars for children in need around the Las Vegas valley.

Extracurricular Activities

May 2011 - Jun 2013

National Junior Honor Society

Grades 7, 8, 9

1 Hrs/Week, Total Hours: 35

Mar 2014 - May 2016

Mu Alpha Theta

Grades 10, 11, 12

1 Hrs/Week, Total Hours: 35

A service organization for tutoring in mathematics.

May 2015 - May 2016

National Honor Society

Grade 12

1 Hr/Week, Total Hours: 50

Sep 2015 - Dec 2015

Google Glass Development

Grade 12

1 Hr/Week, Total Hours: 25

Developing applications for Google Glass using Java.

Sep 2015 - Mar 2016

CyberPat riot

Grade 12

6 Hrs/Week, Total Hours: 180

A National Youth Cyber Education competition involving cyber security with Linux and Windows operating systems and Cisco networking. Focused mainly on Linux operating systems, earned 15th place overall out of over 3200 teams as a team of six.

Awards/Certificates

May 2015

Scholar Honor Roll

Grades 6, 7, 8, 9, 10, 11, 12

Achieving academic excellence for 3.90 or higher GPA.

Nov 2013

Offensive Player of the Year

Grade 10

Junior Varsity soccer award for the most influential offensive player.

Jun 2015

Certificate of Achievement

Grade 12

A recognition for academic success and commitment to the fields of engineering and technology by the Envision National Youth Leadership Forum: Technology & Innovation.

Jan 2016

VEX Robotics State Qualifier

Grade 12

Won first place at the Green Valley High School State Qualifier Round, giving us the opportunity to compete at the VEX Robotics Nevada State Championship, Team Betta of Faith Lutheran High School.

Jan 2016

VEX Robotics US Open Qualifier

Grade 12

Won first place at the Green Valley High School State Qualifier Round, giving us the opportunity to compete at the CREATE U.S. Open Robotics Championship, Team Betta of Faith Lutheran High School.

Jan 2016

CyberPat riot 1st Place in State

Grade 12

Earned 1st place in the state of Nevada, allowing us to advance to the Regional Round.

Feb 2016

CyberPat riot 3rd Place in Region

Grade 12

Earned 3rd place in the Western United States region, 15th overall in the world.

May 2016

Most Valuable CyberPatriot

Grade 12

A recognition for the CyberPatriot member with the biggest impact on not only his/her team, but on the CyberPatriot program throughout the school, voted by the CyberPatriot members.

May 2016

CyberPat riot STEM Award

Grade 12

A recognition for the CyberPatriot member with the biggest impact on not only his/her team, but on the CyberPatriot and STEM program throughout the school, voted by the CyberPatriot members and STEM teachers.

May 2016

Academic Excellence

Grades 9, 10, 11, 12

Achieving academic excellence for 4.0 or higher Weighted GPA.

Skills/Academic Achievement

AP Computer Science

Skill Level: Advanced

Earned a 5 on the AP Computer Science exam.

Game Design and Game Development

Skill Level: Advanced

Created video games using Unreal Engine 4. I learned how to import and use 3D models, apply textures/materials to 3D models, build scenes, bake lighting, create characters, create user inputs and functions, create artificial intelligence, and program in C++ and Blueprints.

Website Design

Skill Level: Beginner

Created a website for the former company LivLife using HTML/CSS, JavaScript, and WordPress.

3D Texturing

Skill Level: Beginner

Learned how to UV map, texture, and apply materials to 3D objects/models in Autodesk 3Ds Max and Quixel.

3D Modeling

Skill Level: Intermediate

Experienced in 3D modeling using the programs Autodesk 3Ds Max, Autodesk Maya, and Google SketchUp. Here is a link to some of my work: <https://sketchfab.com/biermanm>

Cinematography/Visual Effects/Editing

Skill Level: Advanced

Experienced in the full process of the art of filmmaking from the ground up with a small budget and learned how to use programs such as Adobe After Effects and Adobe Premiere Pro. Here is a link to some of my work: <https://www.youtube.com/user/BiermanProductions>

Java Programming

Skill Level: Advanced

Earned a 5 on the AP Computer Science exam. Created a program (using Java) that predicts soccer matches, including a full league table and details from each match, and can choose from 33 different leagues around the world. Created a program (using Java) that predicts World Cup soccer matches with a full tournament tree and details from each match. Created a program (using Java) that creates a league from user input, creates random players for each team, plays a full season, with artificial intelligence for each player and response to match events.

Bash Scripting

Skill Level: Intermediate

Developed scripts for various Linux operating systems including: Ubuntu, Linux Mint, Fedora, and OpenSUSE. They enable certain specific cyber security measures with specifications given by the user. Created in association with the CyberPatriot competition.

Athletic Achievement

Jun 2012 - Nov 2012

JV Soccer

Grade 9

14 Hrs/Week, Total Hours: 280

Jan 2013 - Mar 2013

Indoor Soccer

Grade 9

4 Hrs/Week, Total Hours: 60

Apr 2013 - May 2013

Indoor Soccer

Grade 9

4 Hrs/Week, Total Hours: 40

Jun 2013 - Nov 2013

JV Soccer

Grade 10

14 Hrs/Week, Total Hours: 280

Jan 2014 - Mar 2014

Indoor Soccer

Grade 10

2 Hrs/Week, Total Hours: 30

Mar 2014 - May 2014

Indoor Soccer

Grade 10

2 Hrs/Week, Total Hours: 30

Jan 2015 - Mar 2015

Indoor Soccer

Grade 11

2 Hrs/Week, Total Hours: 30

Mar 2015 - May 2015

Indoor Soccer

Grade 11

2 Hrs/Week, Total Hours: 30

Jan 2016 - Feb 2016

Indoor Soccer

Grade 12

1 Hrs/Week, Total Hours: 10

Leadership Positions

Jun 2011 - Jun 2013

Assistant at Soccer Camp for Children

2015 S Hualapai Way, Las Vegas, NV 89117

Faith Lutheran Middle & High School

10 Hours/Week, Total Hours: 20

Assistant leader, teaching children the basics of how to play soccer at a camp held by Faith Lutheran.

Mar 2013 - Apr 2013

Middle School B Team Soccer Coach Assistant

2015 S Hualapai Way, Las Vegas, NV 89117

Faith Lutheran Middle & High School

Grade 9

2 Hours/Week, Total Hours: 24

Assistant coach for Faith Lutheran Middle School's 7th/8th grade B team soccer team.

Feb 2016 - Mar 2016

Indoor Soccer Team Coach/Assistant

1400 North Rampart Blvd, Las Vegas, NV 89128

Las Vegas Sports Park

Grade 12

1 Hours/Week, Total Hours: 10

Head Coach and Manager of an indoor soccer team in the Friday Night Co-Ed Adult League.

Hacking Competition (CTF) Achievement

International hacking competitions, also known as Capture the Flag competitions, are hosted by various high schools and colleges. All competitions are available to people of all ages and skills, not just high school and college students.

May 2015

HSCTF 2015

Grade 11

40 Hrs/Week, Total Hours: 40

85th place out of 646 (13th Percentile)

Mar 2016

LASACTF 2016

Grade 12

20 Hrs/Week, Total Hours: 20

68th place out of 409 (16th Percentile)

Mar 2016

CAMSCTF 2016

Grade 12

20 Hrs/Week, Total Hours: 20

33rd place out of 596 (5th Percentile)

April 2016

sCTF 2016 Q1

Grade 12

20 Hrs/Week, Total Hours: 20

323rd place out of 781 (41st Percentile)

April 2016

angstromCTF 2016

Grade 12

30 Hrs/Week, Total Hours: 30

73rd place out of 492 (14th Percentile)

April 2016

PACTF (Round 1) 2016

Grade 12

30 Hrs/Week, Total Hours: 30

249th place out of 1044 (23rd Percentile)

April 2016

PACTF (Round 2) 2016

Grade 12

30 Hrs/Week, Total Hours: 30

67th place out of 1044 (6th Percentile)

April 2016

PACTF (Round 3) 2016

Grade 12

30 Hrs/Week, Total Hours: 30

110th place out of 1044 (10th Percentile)

April 2016

PACTF (Overall) 2016

Grade 12

30 Hrs/Week, Total Hours: 90

109th place out of 1044 (10th Percentile)

May 2016

HSCTF 2016

Grade 12

40 Hrs/Week, Total Hours: 40

52nd place out of 606 (8th Percentile)

April 2016

CryptoCTF 2016

Grade 12

30 Hrs/Week, Total Hours: 30

31th place out of 180 (17th Percentile)

May 2016

TJCTF 2016

Grade 12

10 Hrs/Week, Total Hours: 10

148th place out of 259 (57th Percentile)

References Available Upon Request