THOMAS S. BRAUN

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EDUCATION

Amherst College, Amherst MA – 3.8/4.0   Expected Graduation May 2022
- Bachelor of Arts in Computer Science and History with a focus in National Security
- Appointed Computer Science peer-tutor by Computer Science Department
- Relevant Coursework: Object-Oriented Programming 1 & 2, Computer Systems, Intro to Statistics, Electronic Systems, Technology and National Security, Data Structures, Programming Language Paradigms

Latin School of Chicago, Chicago, IL – 3.93/4.0   June 2018
- Editor-in-Chief and webmaster of student-run foreign language blog, Worldly Roman

EXPERIENCE

UChicago– Chicago Project on Security and Threats (CPOST)   **Intern**   June-August 2019
Used **Tableau** and **MS Access** to collect and analyze data on suicide attacks worldwide; contributed work to largest database of suicide attacks. Collaborated with professors and students to incorporate data into article analyzing trends in suicide terrorism, published in *U.S. Army War College Strategic Studies Institute Parameters Magazine*.

Amherst Student Center Engagement Committee   **Member**   June 2019 – Present
Selected for small committee of students to work closely with College Faculty and Staff and a team of architects to help gather data from the student body as a whole to help design the new Amherst College Student center.

Froyo Chicago, Chicago, IL   **Staff**   June-August 2018
Managed social media and marketing on Instagram, Facebook and Snapchat. Created content to increase Internet and foot traffic for the store. Operated customer point of sales devices; maintained machines and food inventory.

Amherst Men's Club Soccer Team   **Treasurer**   May 2019-Present
Elected Treasurer by teammates. Responsible for creating budget, obtaining financing from College, collecting dues, designing gear. Worked with school administrators and student government to manage team finances.

Amherst College Emergency Medical Services (ACEMS)   **EMT**   January 2019-Present
Selected through competitive process for intensive Emergency Medical Technician (EMT) training to become nationally certified EMT. Selected to join College EMT Squad. On call for weekly 12-hours shifts as a first responder to all medical 911 calls on campus.

Boy Scouts of America (BSA), Troop 1   **Eagle Scout** January 2010 – 2018
Mentored younger scouts and held various troop leadership positions. Elected venture crew president (2015-2018).

PROJECTS

Cup Pong
Coded an interactive game in **Java** where the user uses the mouse and keyboard to play the computer in a game of traditional 10-Cup Pong. Game incorporates various 3rd party **libraries** and includes graphics and animations.

Iris: A Color Matching Game
Created a game on **iOS** and **MacOS** where the user is shown two rectangles and attempts to match the color of the first square to the second square using RGB sliders. Written in **Xcode** using **Swift** and utilizes **SwiftUI** framework for the graphical components. Beta tested through **TestFlight** and submitted to the Apple App Store.

SKILLS

- Fluent in French and Spanish
- Proficient in Java and HTML; Experienced in Swift, x86 Assembly, Python, C/C++, ProLog, Haskell, Ruby, JavaScript; Knowledgeable in use of Tableau, Adobe Premiere Pro, Lightroom, After Effects, Photoshop, Dreamweaver, MS Office, GitHub, VMware, AppleDocs. Experienced in use of Windows, Linux, and MacOS.