Matthew Udry

mattudry.com | matt.udry@yale.edu | 262.705.8577 | 4321 89th Street, Kenosha, WI 53142

EDUCATION

Yale University, New Haven, CT; Expected May 2022
- Bachelor of Science, Computing and the Arts (Music); GPA (Spring 2020): 3.57
- **Relevant Coursework:** Intro to Systems Programming & Computer Organization; Data Structures & Programming Techniques; Neural Networks & Language; Computer Music: Sound Representation & Synthesis; Special Topics in Music, Multimedia Art, and Technology

International Chinese Language Program, National Taiwan University, Taipei, Summer 2019
- Recipient of Richard U. Light Fellowship
- 10-week intensive Chinese language program

Tremper High School, Kenosha, WI; Class of 2018
- Valedictorian; Cumulative GPA: 4.0
- National AP Scholar (2018), National Merit Scholarship Finalist (2018)

EXPERIENCE & LEADERSHIP

Rockwell Automation, *Intern,* Milwaukee, WI, Summer 2018
- Independently created external program (Microsoft VBA) to complement Rockwell software, increasing speed and program usability when working with complex projects
- Used Rockwell PLC Programming software to design programs for industrial applications
- Designed and assembled virtual interfaces for customers

Low Strung, *Music Director,* 2019 - Present
- Organize and lead weekly rehearsals for student-run, 12-cello touring rock band
- Arrange music and create setlists every semester, fairly distributing parts among group members
- Work with clients to find most appropriate music for each gig
- Assist group President and Business Manager with various management tasks

Yale Undergraduate Admissions Office, *Student Ambassador,* 2019 - Present
- Visit high schools and hold presentations about Yale, applying to college, and navigating financial aid
- Target schools in hometown that may lack resources and encourage high-achieving students to apply

Tremper High School Student Government, *President,* 2016-2018
- Elected President of 150-member student-led volunteering organization
- Oversaw annual Tremper Blood Drive, which broke the record for largest blood drive in Wisconsin
- Revived and organized winter formal, increasing ticket sales by 33% over two years

SKILLS & ABILITIES

Programming Languages:
- C • Python • HTML/CSS/Javascript • Microsoft VBA • PLC Programming

Tools & Software:
- Unix/shell • Max/MSP/Jitter • DAWs • Adobe Illustrator
- ML (PyTorch) • SuperCollider • Sibelius/Musescore • 3D Printing/Autodesk Inventor

Foreign Languages: Advanced Chinese, beginner Spanish

ACTIVITIES & AWARDS

Yale Daily News, *Podcast Producer and Sound Engineer, Contributing Writer*
Yale Game Developers, *Music and Audio Programmer*
Yale Open Music Initiative, *Member*
Yale Symphony Orchestra, *Member*