MARKUS JOERG
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EDUCATION

Brown University — **Providence, R.I.**
A.B. Biology and A.B. Medieval Cultures — Graduation May 2026
- **GPA:** 3.94/4.00
- **Honors:** Phi Beta Kappa and magna cum laude
- Relevant Coursework: Principles of Immunology, Biochemistry, Introductory Microbiology, Biotechnology in Medicine

Eleanor Roosevelt High School — **New York, NY**
GPA: 98.70/100 ACT: 36 — Class of 2022

German-American School/German International School of New York — **New York, NY**
German Language School — 2009 – 2021

EDUCATIONAL EXPERIENCES

Memorial Sloan Kettering, Hohl Lab — **New York, NY**
Lab Research Assistant — Summer 2024
- Conducted experiment examining the interactions between yeast growth and the human gut microbiome.
- Analyzed OD and CFU growth data through RStudio

Columbia University, Saturday Science — **New York, NY**
The Zuckerman Institute — Oct 2019 – Feb 2021
- Aided scientists from the Columbia University Neuroscience program to introduce children to the possibilities of working in science.
- Coordinated various hands-on scientific experiments via microscopy, dissections, and chemical reactions for underprivileged public-school children.

LEADERSHIP EXPERIENCES

Brown University — **Providence, R.I.**
Departmental Undergraduate Leader for Brown's Center for Language Studies — 2022 – Present
- Team leader for staff of 4 which provided direction and oversight to the department's undergraduate population.
- Coordinated language workshops, immersion programs, and community building exercises.
- Served as liaison between students and faculty, resolving challenges and enhancing communication.

Departmental Undergraduate Leader for Brown's Center for Medieval Studies — 2022 – Present
- Headed initiatives fostering student-faculty research and reworking the department's campus presence.
- Recognized for enhancing the group's visibility and community engagement.
- Organized the department's lecture series and events programming.

VP for Social and Cultural Engagement of Brown University German Club — 2022 – Present
- Develop and execute communication strategies to enhance club visibility.
- Host weekly meetings for the community to practice the language and learn about German culture.

EXTRACURRICULARS

Lead Language Ambassador of Brown University Center for Language Studies — **Providence, R.I.**
Head of university's student engagement for the Center for Language Studies — 2022 – Present
- Host language gatherings where students practice speaking and organize campus-wide events celebrating multiculturalism.

Glassblowing Artist with Community Outreach Program at UrbanGlass — **Brookly, NY**
Summer Immersion Program — 2022 – Present
- Collaborated with a team of artists to instruct and mentor youth groups through hands-on workshops.
- Worked with program coordinators, ensured safety protocols, and expanded community engagement.

Founder of Theescutcheon.com — **New York, NY**
Founder and Creator of Website for Charity — 2020 – Present
- Manage product design and production of handmade t-shirts emblazoned with medieval crests for sale.

PUBLICATIONS

- Bemis, Devin H et al. "Nutrient Availability and Pathogen Clearance Impact Microbiome Composition in a Gnotobiotic Kimchi Model." Foods (Basel, Switzerland) vol. 14,11 1948. 30 May. 2025, doi:10.3390/foods14111948
- Joerg, Markus. "A Translator's Treatise on Vogelweide's Der Wahlstreit." Sententiae: Harvard's undergraduate journal of Medieval Studies, Vol. 8, 2025, pp. 21-24
- Joerg, Markus. "The Nature of Promiscuous Love in Classical Novels." The Prospector: Brown University Comparative Literature Journal, Vol. 1, 2024, pp. 41-43
- Joerg, Markus. "Traumdeutung." Die Zeitschrift: German Studies Literary Magazine, Vol. 4, 2024, pp. 17-20

SKILLS AND INTERESTS

Lab Skills: qPCR, column chromatography, pipetting, TLC, distillation, cell culturing, and product purification.
Technical Skills: Proficient in Adobe creativity suite, Microsoft Office Excel, and PowerPoint.
Languages: German and French proficiency. Knowledgeable in Middle English, Middle High German, and Egyptian hieroglyphics.
Interests: Member of The Explorers Club, classically trained pâtissier, metalworker, lithographer, hiker, clarinetist.