

## Cover Letter

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Portfolio: <https://darkstone007.github.io/Portfolio/>  
Date: May 13, 2025

Dear Hiring Manager,

I am excited to apply for a role at your establishment. As a Bachelor of Arts in Interactive Media student at NYU Abu Dhabi, with a minor in Computer Science, I bring a unique blend of technical expertise, creative innovation, and leadership experience that aligns with your organization's mission.

At ADNOC High School in Abu Dhabi, I earned my UAE High School Diploma in 2023 with a cumulative GPA of 3.847 and a Grade 12 GPA of 3.880, excelling in AP Computer Science, AP Calculus, and AP Physics. These subjects built my analytical foundation, while AP Art and English IV nurtured my creativity. At NYU Abu Dhabi (2023–present), I've pursued courses like Creative Coding, Physical Computing, and Computer-Aided Design, achieving a cumulative GPA of 2.152 through Spring 2024. My hands-on projects, such as designing a Formula SAE chassis and developing a 2D platformer game in Unity, showcase my ability to transform ideas into impactful solutions.

My leadership as President of the National Society of Black Engineers and my creative work, including a poetry book exploring cultural identity, reflect my commitment to inclusivity and storytelling. My [portfolio] at showcases these projects, including film, game design, and interactive installations. Early experiences in the THIMUN Apprenticeship and InvestIN Young Computer Scientist Programme honed my skills in global education advocacy and coding under pressure. With technical proficiencies in Python, JavaScript, C++, Fusion 360, and Adobe Premiere Pro, I am prepared to contribute.

Attached are my UAE High School Diploma, Halcyon studios internship Certificate, and InvestIN, verifying my qualifications. I have emailed these documents, my CV, and this cover letter as requested. I am available for an interview and eager to discuss how my interdisciplinary skills can add value to your team.

Thank you for considering my application. I look forward to the opportunity presented.

Sincerely,

David Ziklag Foster

# Curriculum Vitae

David Ziklag Foster

## Personal Information

Address: NYU Abu Dhabi, Saadiyat Island, Abu Dhabi, UAE  
Secondary Address: 28 Cornflowerstreet, Bridetown, Athlone, Capetown, Western Cape, South Africa  
Phone: +971 0589542027  
Identification No.: 0511305282085  
Email: davidzfoster00700@gmail.com  
Date of Birth: November 30, 2005  
Nationality: South African  
Languages: English (Native), Afrikaans (Conversational and reading)  
Marital Status: Single  
Dependants: 0  
Health Status: Good

## Education

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### NYU Abu Dhabi, Abu Dhabi, UAE

Bachelor of Arts in Interactive Media, Minor in Computer Science 2023–Present

- Expected Graduation: May 2027
- Relevant Courses: Creative Coding, Physical Computing, Digital Media, Computer Programming for Engineers, Computer-Aided Design, Communications Lab, Introduction to Computer Science, Discrete Mathematics.
- Cumulative GPA: 2.152 (Spring 2024)

### ADNOC High School, Abu Dhabi, UAE

UAE High School Diploma 2019–2023

- Cumulative GPA: 3.847 (93.79%); Grade 12 GPA: 3.880
- Additional Courses:
  - Calculus AB Completed: 15 Sep 2021–27 Jan 2022
  - Physics AB Completed: 17 Sep 2020–28 Jun 2021
- Subjects:
  - *Grade 9*: Arabic I, Biology I, Chemistry I, Computer Skills I, English I, French I, Mathematics: Integrated Maths 2, Modern US History, Moral Education 9, Physical Education I, Physics I, Studio Art I, UAE Social Studies
  - *Grade 10*: Algebra 2, Arabic II, Chemistry II, English II, French II, Introduction to Programming and HTML, Moral Education 10, Physical Education II, Studio Art II, World History
  - *Grade 11*: Advanced Global Studies, Arabic III, English III, Java Programming and Flash, Moral Education 11, Physical Education III, Pre-AP Art, Pre-AP Calculus, Pre-AP Chemistry, Pre-AP Physics
  - *Grade 12*: AP Art, AP Calculus, AP Chemistry, AP Computer Science, AP Physics, Arabic IV, English IV, Moral Education 12, Physical Education IV

## Certifications

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• UAE High School Transcript, ADNOC High School	Available Certificate
• Halcyon Studios	Available Certificate
• InvestIN Young Computer Scientist Programme Certificate	Available Certificate
• NYUAD Student Enrollment	Available Certificate

*Note: Copies of certifications are attached.*

## Professional Experience

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**IM Lab Assistant, NYU Abu Dhabi** Jan. 2025–Present

- Assisted with lab operations including 3D printing, laser cutting, soldering, and electronics assembly.
- Supported students with hardware tools and design troubleshooting.
- Maintained lab safety and organized technical equipment.
- *Skills Learned:* Electronics assembly, lab safety, 3D printing calibration, hardware troubleshooting, peer mentoring

**Full Stack Development Participant, Halcyon Studios** Oct. 2024–Jan. 2025

- Studied multiple programming languages and frameworks.
- Contributed to multi-functional website in team environments.
- *Skills Learned:* Full stack coding (HTML, CSS, JavaScript, Python, Java, etc.), Git version control, debugging, wireframing, team-based software development

**Chassis Design and Construction Team Member, NYU Abu Dhabi FSAE** Sept. 2024–Present

- Designed and prototyped chassis components using 3D CAD software.
- Assisted in physical fabrication and structural testing.
- *Skills Learned:* CAD (Fusion 360, SolidWorks), mechanical prototyping, precision design, team engineering workflows

**First-Year Committee Member, NYU Abu Dhabi** Aug. 2023–Dec. 2023

- Supported student life events and managed AV setups.
- *Skills Learned:* Event coordination, communication, technical logistics, collaboration

**Problem-Solving Program Participant, NYU Abu Dhabi SLICET** Oct. 2023

- Participated in real-world problem-solving workshops.
- *Skills Learned:* Conflict resolution, teamwork, empathy in group settings, solution-oriented thinking

**Bible Studies Participant, NYU Abu Dhabi** Aug. 2023–Dec. 2023

- Engaged in discussions around philosophy, ethics, and interfaith perspectives.
- *Skills Learned:* Deep listening, respectful debate, moral reasoning, cultural awareness

## **Online Apprenticeship Participant, THIMUN SDG4 Education**

Aug. 2020

- Drafted operative clauses and debated within UN frameworks.
- Developed SMART goals and researched global education equity.
- Gained knowledge of UN systems and strategic planning with simulated budgets.
- *Skills Learned:* Policy drafting, global education research, strategic planning, debate

## **Young Computer Scientist Programme Participant, InvestIN**

Aug. 2020

- Practiced coding challenges and penetration testing under time pressure.
- Developed a to-do list app and explored machine learning applications.
- *Skills Learned:* Time management, attention to detail, lateral thinking, team collaboration, commercial software applications

## **Leadership Experience**

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### **President, National Society of Black Engineers, NYU Abu Dhabi**

Jan. 2025–Present

- Directed chapter vision and managed executive operations.
- Represented the organization at local and international engagements.
- *Skills Learned:* Organizational leadership, strategic planning, stakeholder management, public representation

### **External Vice President, NSBE, NYU Abu Dhabi**

Oct. 2024–Dec. 2024

- Led partnership development and event fundraising.
- *Skills Learned:* Negotiation, sponsorship proposals, external relations, marketing

### **Second-Year Representative, NYU Abu Dhabi**

Jan. 2025–Present

- Acted as a liaison between students and administration.
- *Skills Learned:* Advocacy, community engagement, feedback synthesis, initiative planning

### **High School TECH Club Leader, ADNOC High School, UAE**

Sept. 2021–Aug. 2023

- Organized workshops in programming, robotics, and engineering.
- Mentored students in STEM competitions and creative projects.
- *Skills Learned:* Technical mentorship, curriculum development, student leadership, workshop facilitation

## **Projects**

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- **Poetry and Creative Writing Portfolio (Ongoing):** Authored a growing body of original poems and narrative pieces, currently writing a book combining personal reflection with philosophical themes.
  - *Skills Learned:* Literary expression, creative discipline, self-publishing processes
- **Film and Visual Storytelling Projects:** Participated in film creation, logo design, scriptwriting, acting, editing, and visual layout, developing storytelling techniques using color, movement, and cinematic composition.
  - *Skills Learned:* Cinematography, editing (Adobe Premiere, Final Cut), team collaboration, storytelling through visual media

- **Game Design (Unity), Interactive Media Class, Fall 2024:** Created a 2D platformer with innovative character mechanics and immersive storytelling, leveraging C# scripting.
  - *Skills Learned:* Game logic, scripting, object-oriented programming, user experience design, visual storytelling
- **Physical Computing Installation, Fall 2024:** Engineered an interactive system using Arduino, LED lights, LCD displays, and sensors, with programmed logic and responsive feedback.
  - *Skills Learned:* Arduino coding, circuit building, soldering, input/output integration, user interaction design
- **Philosophy & Global Affairs Debate:** Participated in academic debates on ethics, consciousness, and global diplomacy, exploring topics from religious pluralism to political sovereignty in East Africa.
  - *Skills Learned:* Research synthesis, public speaking, philosophical reasoning, cross-cultural understanding

## Technical Skills

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- **Programming:** HTML, CSS, JavaScript, Java, Python, C, C++, C#, Swift, MATLAB
- **Web Development:** Full Stack Development, Local Server Hosting
- **Hardware Prototyping:** Arduino, Circuit Design, Soldering, PCB Design, Breadboarding, LCD Integration, Sensor Programming
- **3D/CAD:** Fusion 360, SolidWorks, TinkerCAD
- **Game Development:** Unity Game Engine
- **Media Production:** Adobe Premiere Pro, Final Cut Pro, Audacity, Logic Pro
- **Creative:** Storyboarding, Game Design, Poetry Writing, Video Editing, UX Design

## Soft Skills

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- Leadership, Communication, Critical Thinking, Problem Solving, Collaboration, Time Management, Cross-cultural Empathy

## Interests

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- **Creative Writing:** Passionate poet and aspiring author, drawing inspiration from manga, anime, comics, and narrative depth.
- **Sports & Fitness:** Dedicated to team sports and gym workouts, cultivating discipline and resilience.
- **Philosophy & Religion:** Engaged in critical thinking and interfaith perspectives, exploring belief, ethics, and cultural meaning.
- **Technology & Innovation:** Driven to create human-centered solutions through interactive design and technology.
- **Global Impact:** Inspired by social causes and motivated to solve real-world problems through innovation and advocacy.

## References

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Available upon request.