Arthur Li Baum

Game Developer

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SUMMARY

Self driven developer who experiments with ways games can connect with people, help through trauma, and ignite curiosity. Previously a flight paramedic, has worked on several indie teams and experimental prototypes both academically and professionally.

SKILLS

C++ Engineering | **Design Prototyping** | **Tool Development** | **Project Management** | **Custom Engine Production** | **Team Communication**

EDUCATION

BS in Computer Science & Game Design

DigiPen Institute of Technology, Redmond, WA, USA GRADUATED: MAY 2024

- Conducted research about game companion algorithms using goal oriented behaviors
- Experimented with Augmented Reality and Computer Vision in semester projects
- Produced a 30-person multi-year project for free public release

WORK EXPERIENCE

Independent Game Developer

Intentional Bugs - Desktop Pet & Idle Discovery JUN 2025 - PRESENT

- Solo development of every aspect from playtest to marketing
- Designed an idle game that times its rewards to explicitly be non-addictive
- Dozens of procedural generation and behaviour algorithms developed

Gameplay Prototyping Intern, Serenity Forge

Experimental Horror Rogue-like AUG 2025 - DEC 2025

- Pitched and presented solutions to problems identified in playtesting
- Lead a team of other interns to achieve milestones and interpret feedback
- Rapidly prototyped experimental first-person mountain-biking controls

Game Systems Engineer Contractor, Bolero Game Studios

Old & Gray - Narrative Point & Click DEC 2024 - FEB 2025

- Fully converted and integrated narrative structure and quest systems
- Developed movement, UI, sound systems, and animation sequences
- Established pipelines for artists, designers, and sound designers

Development Intern, Acute Owl Studios

Grimshire - Survival Farm Simulation MAY 2022 - JULY 2022

- Structured and designed event and character technical systems
- Developed an inventory management system with associated UI
- Wrote and maintained documentation while participating in code reviews