

SALAAR KOHARI

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EDUCATION

University of Pennsylvania, School of Engineering and Applied Science Philadelphia, PA
MSE candidate in Computer Graphics and Game Technology (Dec 2018) GPA: 3.37
BSE candidate in Computer Science (May 2018)

Cairo American College (High School), Class of 2014 Cairo, Egypt
President of Student Council, Co-President of Model United Nations GPA: 4.00

RELEVANT SKILLS

Computer Languages Java, C++, C#, C, JavaScript, Python, HTML5/CSS, Lua, R, Assembly Language, PHP, SQL, Unix, ActionScript

Relevant Coursework Data Structures/Algorithms, Operating Systems, Comp Architecture, Interactive Computer Graphics, Game Design/Development, Machine Learning, Computer Animation, Procedural Graphics, Databases, Scalable/Cloud Computing, Statistical Analysis

Software & Tools Unreal Engine, Unity, Maya, Houdini, Substance, MotionBuilder, Git/Perforce, Django, Node.js, Hadoop, Adobe Tools, L^AT_EX, IDEs

PROFESSIONAL EXPERIENCE

Sony Santa Monica Los Angeles, USA
Gameplay Programmer Intern Summer 2018

- Improved animation, combat, and AI systems and tools for the God of War team

Bloomberg L.P. New York City, USA
Software Engineer Intern Summer 2017

- Developed a full-stack market exchange simulator implemented in the Bloomberg Terminal
- Designed the database, simulator logic, and interface for order manipulation

Software Engineer Intern Summer 2016

- Redesigned the daily workflow of Bloomberg Indices to improve platform scalability
- Created visualization tools and database tables to track workflow progress

CAGE Studios LLC Ongoing 2018
Lead Programmer cagestudios.net

- Co-founded a game studio working on many aspects of gameplay programming including procedural content, AI behaviors, quest/combat systems, animation, audio design
- Sail and Sacrifice, an open-world pirate adventure game developed in Unreal Engine

Recent Projects salaar.kohari.com

- Created a full-feature Facebook clone (social networking website)
- Developed an augmented reality castle defense game for HoloLens with Vive controllers

ADDITIONAL ACTIVITIES

Personal Skills Proficient guitar/piano/ukulele player. Fluent in English, Spanish, and Urdu.

University Clubs Competitive member of Penn's Debate Team and Wharton Entrepreneurship.