

Belcky Bayard

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EDUCATION

TEMPLE UNIVERSITY - Philadelphia, PA
B.S. Computer Science – Dean's List fall 2015
Graduated: May 2017
GPA: 3.44

DELAWARE COUNTY TECHNICAL SCHOOL - Ashton, PA
Graphic Design Program
Completed: June 2013
GPA: 4.0

COURSEWORK COMPLETED

- 3D Game Programming & Virtual Reality
- Client-side Scripting for the Web
- Computer Systems and Low-Level Programming
- Computational Probability & Statistics
- Database Systems
- Data Structures
- Data Structures & Algorithms
- Intro to Systems Programming & Operating Systems
- Math Concepts in Computing I & II
- Program Design & Abstraction
- Software Design
- Web Application Programming

SKILLS

COMPUTER LANGUAGES

C, C#, CSS, HTML, Java, Javascript, JSP, MySQL

FRAMEWORKS/LIBRARIES

Angular 1, Bootstrap, JQuery, JQuery Mobile

SOFTWARES/TOOLS

Excel, Git, InDesign, Illustrator, Photoshop, PowerPoint, Word

OPERATING SYSTEMS

Linux, Mac, Windows

GENERAL

Web Page Development, Graphic Design, Technical Writing, Drawing

PROJECTS

CrystalCube - Blender, C#, EmguCV, Photoshop, Unity
A holographic virtual assistant for an embedded system accompanied with an android application and web portal

- Designed, modeled, and animated the virtual assistant's 3D model.
- Developed code to implement gesture recognition.
- Worked in a team using the SCRUM development methodology.

Computer Defense - Blender, Java, Jmonkey
A 3D tower defense PC game involving 360° enemy attack

- Created and developed original UI, level, and game mechanic designs.
- Developed an enemy AI alongside teammates from scratch.
- Utilized test-driven development to ensure that the game executed properly.

WORK EXPERIENCE

VITRIS WIRELESS LLC,

Front-End Developer, November 2016 – Present

- Designs and modifies main website and web applications.
- Refactors code to make more modular and reusable components.

CRYSTALFRUIT LLC,

Front-End Developer, February 2015 – Present

- Cooperates with a team and uses creativity to develop unique and stylish websites, graphics, and applications for individuals and small companies.
- Provides constructive criticism and insightful input on how to further promote and grow the company during weekly conferences.
- Prospects potential clients to increase revenues.