

# Samuel E Phelan

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## EDUCATION

**New York University, College of Arts and Sciences** New York, NY

**Sept 2016-May 2020 (Intd.)**

*B.A. in Computer Science, B.A. in French, Minors in Film and Mathematics (Anticipated)*

- 3.9 GPA (4.0 scale)
- Presidential Honors Scholar
- Dean's List (2016-2018 Academic School Years)
- Semester abroad at the University of Paris III

## PROJECTS & ACTIVITIES

### **Development Intern, Future Reality Lab**

- Modelled, designed, and developed VR film *Sound and Color* in Blender/Unity for Undergraduate Thesis
- Performed QA testing on XR film *CAVE* shown at SIGGRAPH 2017
- Designed and developed first-person VR cooking game *Hotpot VR*

### **Oink: Your Online Piggy Bank, Web Application**

- Provided entire back-end for web application built using the MERN Stack
- Member of Agile team (SCRUM): served as Product Owner / Developer
- Worked with various development tools: Travis CI, GitHub, Make, Docker, Bash scripting
- Documented all work with UML diagrams, wireframes, sitemaps

## TECHNICAL SKILLS

- Advanced Programming in Java, C, Python, Perl, HTML/CSS/Javascript, Node
- Proficiency with Windows/Mac/Ubuntu OS
- Working knowledge of relational/non-relational databases: MySQL, MongoDB
- Working knowledge of AWS storage / development

## WORK EXPERIENCE

**3m HIS** Silver Spring, MD

*Software Engineering Intern*

**Jun 2019-Sep 2019**

- Wrote two Amazon WebServices for back-end of new feature to the CodeRyte CodeAssist Application
- Designed and Developed UI/UX for same feature using an MVC design
- Wrote unit and integration tests at a 100% code coverage level
- Deployed feature into the application in under 10 weeks

**New York University Client Services** New York, NY

*Desktop Support Assistant*

**Sep 2016-Present**

- Provided technological support within NYU's Bobst Library for all computers, projectors, printers
- Troubleshooted front-end reception of clientele inquiries
- Managed clientele issues in a service database

**Curatious LLC** New York, NY

*Intern*

**May 2017-Aug 2017**

- Created documentation to facilitate web development (e.g. specifications/wireframing)
- Produced graphic designs for Curatious.com About pages; used Adobe Photoshop and Illustrator
- Designed marketing materials including newsletters, press releases, fact sheets, 1-sheets, image pieces

## ADDITIONAL SKILLS

**Achievements:** Four-time Washington-Lee High School Alumni Scholarship winner, Recipient of Director of Undergraduate Research Fund Grant, First runner-up in "Five Minute Thesis" spoken word competition

**Languages:** French – advanced proficiency in reading and writing

**Personal Interests:** Chess, basketball, filmmaking, hiking, community service