Sarah Forcier

sforcier12@gmail.com

EDUCATION

UNIVERSITY OF PENNSYLVANIA, Philadelphia, PA   Aug 2016 - present
Pursuing a Master of Science in Engineering in Computer Graphics and Game Technology

CORNELL UNIVERSITY, Ithaca, NY   Aug 2012 – May 2016
Bachelor of Arts
GPA: 4.14

LUDWIG MAXIMILIAN UNIVERSITY, Munich, Germany   Apr – Jul 2015

RELEVANT COURSEWORK

Technical:

Computer Animation	Analysis of Algorithms
Computer Graphics	Advanced Graphics and Rendering
Procedural Graphics	Object-Oriented Programming
Advanced Topics in Graphics	Computer System Organization
Data Structures & Functional Programming	

Artistic:

3D Computer Modeling & Sculpture	16 mm & Digital Filmmaking

TECHNICAL SKILLS

Languages

C++		Java		C		OCaml		JavaScript		HTML/CSS

Software

Maya		Houdini		After Effects		Git		Latex

HONORS & AWARDS

Eckert Fellow	Sep. 2016
Cum Laude	May 2016
Merrill Presidential Scholar (top 1% of class)	Mar. 2015
DAAD Research in Science and Engineering scholarship recipient	May 2014
Rawlings Cornell Presidential Research Scholar	Aug. 2012 – May 2016

WORK EXPERIENCE

Bartender and Server for Frog Commissary, Philadelphia, PA   June 2016 – present

Computer Graphics Lab Monitor   Jan. 2017 - present

Teaching Assistant, Object-Oriented Programming   Feb. 2016 – May 2016
- Lead discussion section, hold office hours, grade projects and exams

Undergraduate Research Assistant, Cornell University, Ithaca, NY   Jan. 2013 – May 2016
- Synthesized building blocks of an alkaloid isolated from marine mollusks
- Cultured MSCs to investigate cell adhesion kinetics on bovine cartilage

SKILLS & ACTIVITIES

German • Club Ice Hockey • Scuba diving • Windsurfing • Skiing & Snowboarding