Benjamin Eisner

ben.a.eisner@gmail.com ✉

+1 (732) 589 2380 📞

beisner.me ☁

beneisner in

beneisner

Software Engineer and Research Enthusiast
with experience building web servers, desktop applications, and embedded systems.
Interested in machine learning research and applications of AI in robotics, and
actively looking for projects in these disciplines.

Education

2013-
Princeton University
B.S.E. in Computer Science
Certificate in Intelligent Systems
GPA: 3.5

Relevant Coursework:
Artificial Intelligence
Reasoning About Computation
Adv.Programming Techniques
Functional Programming

Spring 2016
University College London
Affiliate Student in Computer Science

Relevant Coursework:
Human-Robot Interaction
Processing of 3D Geometry

2009-2013
Middlesex County Academy
for Science, Math, and Engineering
U.S. Presidential Scholars Nominee
National Merit Scholar
GPA: 4.0

Experience

Summer 2015
Software Engineering Intern
Microsoft Corporation | Redmond, WA

Full-stack development on the Skype for Business team. Experimented with porting desktop video conferencing software to Android using Xamarin. Also built an SSL certificate configuration tool for an embedded video conferencing product.

Summer-Fall 2014
Software Engineering Intern
Contactive Inc. | New York, NY

Backend development at a fast-paced business intelligence startup in NYC. Created a custom enterprise phone integration for Contactive's pilot customer, and designed a credential managment and validation pipeline.

Summer 2013
Software Development Intern
Konica Minolta Medical Imaging | Wayne, NJ

Designed an integrated caller-ID application for service center employees. Reduced database query latency from 60s to 4s on service calls.

Projects

Semantics of Emoji
Advisors: Sebastian Riedel, Tim Rocktäschel
Researched semantic models of Emoji using various learning techniques (e.g. learned vector representations). Implemented in TensorFlow.

Or Best Offer (OBO)
Advisor: Brian Kernighan
Location based campus marketplace, consisting of a lightweight backend in Go and an iOS app

FrankenBen Trading Bot
Jane Street Hackathon
Trading bot that models a hidden virtual market, interfaces with that market, and automatically executes trading strategies. Built in 12 hours.

Activities

Princeton Entrepreneurship Club
Director of Careers Team (2015-)
HackPrinceton Officer (2014-2015)

Princeton Varsity Hwt. Rowing
Division I program, 18hrs/week
Freshman and Sophomore Year

Lobster Club Improv Comedy
Princeton's first and only no-audition improv group, specializing in short/medium form (2014-)

Skills

Programming
Java, Python, Go, C, C++, C#, JS, HTML, CSS, OCaml, MATLAB

Frameworks/Tools
TensorFlow, Xamarin, .NET, go-restful, Qt, Git, MongoDB, AWS, TravisCI

Software
Photoshop, InDesign, Illustrator, Logic Pro

Languages
English, Chinese (Mandarin), Spanish