Benjamin **Kandov**

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Education

Stony Brook University   *Stony Brook, NY*

B.S. in Computer Science and B.A. in Psychology   *September 2014 - Exp. December 2017*

- 3.59/4.00 GPA. Dean's list every semester. Presidential Scholarship, Psych. dept. research assistant, WUSB radio DJ.

Experience

FactSet Research Systems   *New York, NY*

Software Engineering Intern   *May 2017 - August 2017*

- Updated and exposed existing RESTful services with C++ and Perforce version control.
- Aggregated C++ services onto diagnostic application using Angular, TypeScript, Gulp, Karma-Jasmine unit testing, and Git.
- Followed Agile methodology with weekly sprints to complete project that saved worker-days of time with every use and presented it.

Tudor Investment Corporation   *Greenwich, CT*

Software Development Intern   *May 2016 - August 2016*

- Completed Java application to monitor MongoDB nodes' stats and log them using log4j and JDBC Mongo Driver.
- Wrote Java program to help migrate cache from JBoss to MongoDB to eliminate technical debt.
- "Best Overall Software Project" in Data Analytics competition for Python app that visualizes similarity between FX rates time series.

Stony Brook University (CSE 219 w/ Professor Richard Mckenna)   *Stony Brook, NY*

Undergraduate Teaching Assistant   *Jan 2016-May 2016, Aug 2016-Jan 2017*

- Held weekly office hours and recitation sections to assist students taking Computer Science III (Software Development), tutoring them on design patterns, advanced object oriented concepts, and helping them debug.

Projects

Bizr

Full Stack Web Application

- Social Media webapp created in Java using JSPs run over a Glassfish server and connecting to a MySQL database. Supports basic social interactions (private messaging, walls/posts/likes/comments, groups). Git: https://github.com/BenKandov/BizRWebApp

Color-Code Chat Server

Node.js Chat App

- Chat app written with NodeJS, SocketIO, Mongoose/MongoDB, and Express with private messaging and chat-log-saving functionality.
- Hosted on Heroku: https://intense-cliffs-66991.herokuapp.com/

Pup Scouter

Most Original Hack at HackHealth2016 and featured on Clarifai's Instagram Page

- Scrapes for dog images, scans them through Clarifai API to get keywords to construct cute messages. Users can vote for their favorite images and see what qualities others vote for.
- Back-end in Flask (Python), front in Bootstrap. Hosted: https://secret-hollows-62864.herokuapp.com/

TrueSeawolf Script

Lexer and parser for original imperative programming language.

- Used PLY (a Lex and Yaac implementation) for Python. Supports typed variables, arrays, conditionals, loops, and recursive functions.

Skills

Programming	Java, Python, C, C++, JavaScript, Typescript, HTML&CSS, SQL
Technologies	AngularJS, Flask, Express, Node.js, JSP, Bootstrap, D3.js, Gulp.js, Karma, Jasmine, MongoDB
Languages	English, Russian