

7363 196 St
Fresh Meadows NY 11366

BENJAMIN KANDOV

(917) 306-3340
benjamin.kandov@stonybrook.edu
<http://benkandov.github.io/>

EMPLOYMENT

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|---|--|-------------------------------|
| Teaching Assistant | Stony Brook University | January 2016 - Current |
| <ul style="list-style-type: none">• Hold weekly office hours to assist students taking Computer Science III, a class on professional software development and design patterns. I help them debug their programming assignments and explain concepts from lecture. | | |
| Research Assistant/IT Support | Dr. Nancy Franklin's Memory Lab | August 2014 – May 2015 |
| <ul style="list-style-type: none">• Participated in conducting psychology of memory experiments by coding interactive experiment scripts in Python.• Utilized XML, Qualtrics, and Mturk to design and run surveys. | | |

EDUCATION

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|---|-------------------------------|--------------------------|
| Stony Brook, NY | Stony Brook University | Fall 2014-Current |
| <ul style="list-style-type: none">• B.S. in Computer Science and B.A in Psychology, 2018. GPA: 3.55/4.00.• Presidential scholarship; Dean's List every semester.• Coursework: Object Oriented Programming; Data Structures; Java Programming III (Software Development); User Interface/Mobile App Development; Linear Algebra, Discrete Mathematics; Cognitive Psychology; Systems Fundamentals (in progress); Theory of Computation (in progress) | | |

TECHNICAL EXPERIENCE

Projects

- **ePortfolioGenerator** – JavaFX application that allows users to create their own webpage and add slideshow, text, and video components to it and export it as an HTML5 application. Can save and load projects. Used Java, JavaFX, HTML5&CSS3, JavaScript, JQuery, JSON. (<http://github.com/BenKandov/ePortfolio-Generator>)
- **Abnormal Psychologies** – Responsive web page I created for my User Interface Development course. I Used HTML5&CSS3, JavaScript, Photoshop, an app I made with the Java Processing Framework (<https://github.com/BenKandov/RainbowRorschach>), and Ajax to make calls to a post database I set up with Google Spreadsheets. (<http://www.ic.sunysb.edu/Stu/bkandov/CSE392Site/>)
- **Probability Calculator** – Native Android app coded in Java. Calculates probabilities. I used Java and Android Studio. (<http://github.com/BenKandov/ProbabilityCalculator>)
- **Personal Website** – A website I made with me as its subject. I Used HTML5&CSS3, JavaScript, and the Bootstrap Framework to make it. (<http://benkandov.github.io/>) Also created a blog element for it using Django for Python – however, as of now, it only runs locally. (<http://github.com/BenKandov/Personal-Blog-made-with-Django>)
- **From Books to Life** – My team at the CODEX Hackathon 2016, held in MIT, worked together on a demo for a project that is supposed to use Natural Language Processing take in a children's story and output an animation based on it. I worked on the front-end work, employing Javascript and especially the library Snap.svg to animate SVG images my teammate made. (<http://github.com/kshreyas91/codex-hack>)

ADDITIONAL EXPERIENCE AND AWARDS

- **Penguin Random House Creative Writing Competition** – Scholarship for Memoir – Best of Borough.
- **Scholastic Inc. Art and Writing Awards** – Silver Key for Poetry.
- **New York State Comptroller Thomas P. DiNapoli's Achievement Award.**
- **National Residence Hall Honorary.**
- **WUSB Stony Brook** – Radio DJ.
- **Stony Brook Literary Journal, "Spoke the Thunder"** – Contributor.

Languages and Technologies

- English; Conversational Russian.
- Java; HTML&CSS; JavaScript; Python; LaTeX.
- JavaFX; Processing; JSON; JQuery; Django; Ajax; Bootstrap; PsychoPy, Snap.svg, Photoshop.
- Eclipse; NetBeans; Android Studio; Brackets.