PHILIP NGUYEN

I am currently a Research Assistant for the ABCD Study at University of Vermont. I like data, reading, writing, programming, meditation, and long walks in nature.
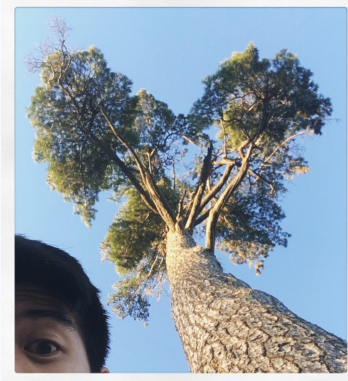
🎓 EDUCATION

Continuing Education Student
Present | 2018

University of Vermont
📍 Burlington, VT

· Data Science
· Calculus
· Statistics
· Applied Linear Algebra
· Science and Nature Writing

B.A., Psychology
2015 | 2013

University of California, Santa Barbara
📍 Goleta, CA

· Psychopathology
· Advanced Statistical Methods
· Cognitive Development

💼 PROFESSIONAL EXPERIENCE

Research Project Assistant
Present | 2018

Adolescent Brain Cognitive Development Study
📍 Burlington, VT

· Wrangle large datasets, perform exploratory and inferential analysis, create visualizations.
· Develop and maintain in-house R Shiny Apps (ABCD Data Explorer and ABCD Data Dictionary).
· Teach R to undergraduate and graduate students.
· Manage, train, and schedule part-time staff.
· Administer neurocognitive tasks and surveys, collect biological specimens, and facilitate MRI scans for youth ages 9 - 12.
· Screen and schedule participant annual follow-up visits.

Americorps Corps Member
2017 | 2016

City Year New Hampshire
📍 Manchester, NH

· Assisted classroom teacher by engaging students and developing lesson plans.
· Planned and facilitated small-group tutoring and mentoring sessions targeted to specific learning objectives in attendance, reading, math, and socio-emotional skills.
· Coordinated whole-school and community outreach events.
· Lead weekly First Lego League after-school robotics program.
· Taught and practice mindfulness meditation with students.

Utilization Review Coordinator
2016 | 2015

Recovery Road Medical Center
📍 Santa Barbara, CA

· Reviewed patient treatment progress with small team of doctors and therapists to determine continued length of stay in inpatient setting.
· Advocated for our patients to health insurance case managers.

🖥 TEACHING EXPERIENCE

Introduction to R and Tidyverse Workshop
2019

Adolescent Brain Cognitive Development Study
📍 Burlington, VT

· Organized and taught R and Tidyverse in-house workshops for undergraduate and graduate students working for the ABCD Study.

CONTACT

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📞 (714) 724-5804

SKILLS

R and the Tidyverse.

Statistical analysis, data wrangling, data management, and data visualization.

Familiar with Bash, Python, Javascript, and MATLAB.

2017 ● **Fishing Instructor**
Camp Laurel

 Mt. Vernon, ME

· Taught fishing to youth ages 7 - 14 at a summer camp in Maine.

2017 ● **Mindfulness for Children**
City Year New Hampshire

 Manchester, NH

· Developed and lead a daily post-lunch program that introduced students (and my co-teacher) to mindfulness through mindful eating, listening, reflection, and meditation.

📄 SELECTED PROJECTS, PUBLICATIONS, AND POSTERS

2020
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2019 ● **The ABCD Brain Analysis Tool**

 University of Vermont

· Created Graphical User Interface (GUI) in Matlab that allows researchers without neuroimaging expertise to conduct brain analyses using ABCD Study data.
· Philip Nguyen, BA; Hugh Garavan, PhD; Alexandra Potter, PhD; Bader Chaarani, PhD

2019 ● **Differences in Cognition and BOLD Signal Related to Early Stages of Puberty**
Organization for Human Brain Mapping

 Rome, Italy

· Poster for 2019 Organization for Human Brain Mapping international conference.
· Philip Nguyen, BA; Bader Chaarani, PhD; Hannah Loso, BA; Shana Adise, PhD; Julie Dumas, PhD; Hugh Garavan, PhD; Alexandra Potter, PhD

2019 ● **Preprint: To what extent do biological, perinatal, sociodemographic, psychological, and lifestyle factors predict BMI in children?**

 University of Vermont

· Performed literature reviews and created tables and plots.
· Shana Adise PhD; Janice Bunn, PhD; Philip Nguyen BA; Jennifer Laurent, PhD; Nicholas Allgaier, PhD; Dekang Yuan, BS; Scott Mackey, PhD; Bader Chaarani, PhD; Stephen Higgins, PhD; Alexandra Potter, PhD; Hugh Garavan, PhD