

# Nicholas G. Neumann-Chun

*Full-Stack JavaScript Developer with a math degree from Williams College*

---

349 Harvard Common  
Fremont, CA 94539  
(651) 491-4928

nicholas.babelthaupt@gmail.com  
@Babelthuap  
<https://babelthuap.github.io>

---

**COMPUTER**      **Skills:** Node, AngularJS, Express, MongoDB, JavaScript, jQuery, Gulp, Git, L<sup>A</sup>T<sub>E</sub>X  
**Exposure:** Java, Python, Scala, Mathematica, ReactJS, Flux, GraphQL, Relay, Firebase, jspm, Webpack, Mocha, Passport, Heroku, Bootstrap, Foundation

---

**EXPERIENCE**      **Full-Stack Developer and Code Mentor**, Coding House      *since January 2016*

- Worked in teams creating full-stack MEAN apps
- Mentored students on topics ranging from using Git to building JavaScript apps
- Reviewed and graded student projects

  
**TA and Tutor**, while a student at Williams College      *2009-2013*

- As a TA for various math classes, held weekly workshops and graded homework
- Tutored students in math and physics

---

**COOL PROJECTS**  
**Friend Finder** – <http://young-favorite-users.herokuapp.com>

- A Facebook clone hacked together in less than a week

  
**Errand Optimizer** – <http://babelthuap.github.io/errand-optimizer>

- Uses a brute-force solution to the traveling salesman problem

  
**Towers of Hanoi** – <http://babelthuap.github.io/towers-of-hanoi>

- The cool part is that it solves itself using the simple recursive algorithm

---

**VOLUNTEER**      **Centro de Textiles Tradicionales del Cusco**, Peru      *2015*

- English tutor & Technology handyman

---

**LANGUAGES**      **English**, *native*  
**Spanish**, *intermediate level* – *lived in Peru 2014-2015*

---

**EDUCATION**      **Coding House Institute**, Silicon Valley      *2016*

- The “Only Live-In” Web Dev Bootcamp
- Students eat, breathe, and sleep code for two intense months. I stayed on for another two months as a Code Mentor.

  
**Williams College**, Williamstown, MA      *B.A., 2013*

- Major: Mathematics      *GPA: 3.58*
- Completed half the requirements for a Computer Science Major

---

**PUBLICATIONS**      Garritty, Thomas. *Electricity and Magnetism for Mathematicians: A Guided Path from Maxwell’s Equations to Yang-Mills*. New York: Cambridge University Press, 2015.

- Proofread, indexed, and worked all exercises
- Created all diagrams, including cover illustration, with Adobe Illustrator

Krishna Dasaratha, Laure Flapan, Thomas Garrity, Chansoo Lee, Cornelia Mihaila, Nicholas Neumann-Chun, Sarah Peluse, Matthew Stoffregen. “A Generalized Family of Multidimensional Continued Fractions: TRIP Maps.” *International Journal of Number Theory* 10.8 (2014): 2151-2186. <http://arxiv.org/abs/1206.7077>

- Based on research done during summer 2011

Krishna Dasaratha et al. “Cubic irrationals and periodicity via a family of multi-dimensional continued fraction algorithms.” *Monatshefte für Mathematik* 174 (2014): 549-566. <http://arxiv.org/abs/1208.4244>

- Based on research done during summer 2011

---

<b>MISC.</b>	<div data-bbox="428 558 1425 590"> <p><b>Appalachian Trail Thru-Hike</b> 2014</p> </div> <div data-bbox="467 590 1304 623"> <ul style="list-style-type: none"> <li>• A 2200-mi. (3500-km.) footpath through the Appalachian Mountains</li> </ul> </div> <div data-bbox="428 653 1425 684"> <p><b>Wilderness First Aid</b>, NOLS Wilderness Medicine Institute 2014</p> </div> <div data-bbox="467 684 737 718"> <ul style="list-style-type: none"> <li>• Certification Course</li> </ul> </div> <div data-bbox="428 747 1425 779"> <p><b>Hudson River Undergraduate Math Conference</b></p> </div> <div data-bbox="467 779 1386 812"> <ul style="list-style-type: none"> <li>• Presented on short topics during the 2009, 2010, 2011, and 2013 conferences</li> </ul> </div> <div data-bbox="428 842 1425 873"> <p><b>Joint Mathematics Meetings</b>, San Francisco, CA 2010</p> </div> <div data-bbox="467 873 1386 940"> <ul style="list-style-type: none"> <li>• Presented the poster: <i>The Isoperimetric Problem in Sectors with Density <math>r</math></i></li> <li>• Wrote for the AMS Grad School Blog (<a href="http://blogs.ams.org/mathgradblog">http://blogs.ams.org/mathgradblog</a>)</li> </ul> </div>
--------------	---