



Jeffrey P Hafner

Physicist

- May 23 1983
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About me —————
I am a geek, a skeptic and I wear bowties for fun.

Skill —————

Java	<div></div>
polite	<div></div>
outgoing	<div></div>
good manners	<div></div>
pursuer of rabbits	<div></div>
lovely*4 narcissistic*3	

(*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

interests

Backpacking

education

- | | | |
|-----------|--|-----------------------|
| 2001-2006 | M.S.
Biophysics and Math studies | Andrews University |
| 2008-2012 | Ph.D. Physics
Validation and refinement of coarse grained protein models. | University at Buffalo |

publications

- | | |
|------|---|
| 2009 | Hafner J & Zheng W. Approximate normal mode analysis based on vibrational subsystem analysis with high accuracy and efficiency. J. Chem. Phys. 130, 194111 2009. (pdf) |
| 2010 | Hafner J & Zheng W. Optimal modeling of atomic fluctuations in protein crystal structures for weak crystal contact interactions. J. Chem. Phys. 132, 014111 2010. (pdf) |
| 2011 | Hafner J & Zheng W. All-atom modeling of anisotropic atomic fluctuations in protein crystal structures. J. Chem. Phys. 135, 144114 2011 (pdf) |

experience

- | | | |
|--------------|---|---------------------------|
| 2005 | Wilderness Guide and Camp Counselor
Was responsible for takings boys on 10 day excursions throughout the state of Maine. | Flying Moose Lodge |
| 2006-2008 | Teaching Assistant
Was responsible for laboratories and recitations. | University at Buffalo |
| 2008-2011 | Research Assistant
Research that produced three peer reviewed publications. | University at Buffalo |
| 2012 | Postdoctoral
Implewmentation of Particle Mesh Ewald Electrostatics for Continuous Constant pH Molecular Dyanmcis in CHARMMM. | University at Maryland |
| 2013 | Towson University
Teaching the laboratory section of Light and Color | Adjunct Physics Professor |
| 2014-2015 | Baltimore City Public Schools
Teaching physics first at Mervo | Physics Teacher |
| 2015-2016 | Masters School
Teaching 11 ¹¹ and AP Physics B Mechanics | Physics Teacher |
| 2016-Current | IPsoft Inc
Diagnose and Resolve clients Unix Requests | Unix/Automation Engineer |

other information

Random text